

20010125.qrp v02_n078.qrl.20010125

Date: Thu, 25 Jan 2001 19:03:06 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2078

QRP-L Digest 2078

Topics covered in this issue include:

- 1) [89639] Re: 30M how about this?
by Bill ROWLETT <kc4atu@yahoo.com>
- 2) [89640] Re: Novice WAS
by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
- 3) [89641] PSK31 Interface for Yaesu FT-817
by "Bernard F. Gaffney, Jr." <n8pvz@arrl.net>
- 4) [89642] FOX: #29 Warning for Thursday (1/25/01)
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
- 5) [89643] Re: Gentlemen's agreement??
by Somerville <somerville@uniserve.com>
- 6) [89644] OT- ARRL Membership Certificate
by "Don Wilhelm" <w3fpr@arrl.net>
- 7) [89645] 2001 Spring, To the Field
by AC5JH@aol.com
- 8) [89646] Gentlemen's Agreement
by "John Lockhart" <jlockj@earthlink.net>
- 9) [89647] Fun???
by "Benedict B. Cruise" <B.Cruise@worldnet.att.net>
- 10) [89648] Re: The HAAAAHA Virius
by "bob baxter" <rbaxter@cybertrails.com>
- 11) [89649] 30 Meters --- the dead horse beating
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 12) [89650] Getting ready for CQ WW 160m CW contest
by "Bob Tellefsen" <n6wg@earthlink.net>
- 13) [89651] Re: FOX: #29 Warning for Thursday (1/25/01)
by Brian <brian@iquest.net>
- 14) [89652] Re: The HAAAAHA Virius
by RangerSF5@aol.com
- 15) [89653] Fwd: FOX- NOUR LOG first draft
by Jim NOUR <n0ur@yahoo.com>
- 16) [89654] Anodizing Aluminum
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 17) [89655] Re: Antenna Restricted: Ballon Hung.
by Somerville <somerville@uniserve.com>
- 18) [89656] Eliminating the 30m Contest Confussion
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 19) [89657] Re: Novice WAS

- by Brian <brian@iquest.net>
- 20) [89658] Reference: Origin of the "No Contests" Concept at 30 Meters
by David Newkirk <dpnewkirk@home.com>
- 21) [89659] FOX: Go git' Ron!
by John Wagner <john@neknetwork.com>
- 22) [89660] Tuner and TenTec
by K5BDZ@aol.com
- 23) [89661] Re: The HAHAHA Virius
by "Dan W. Dooley" <dandooley@pipeline.com>
- 24) [89662] Re: Getting ready for CQ WW 160m CW contest
by "John A. Evans - N0HJ" <jaevals@codenet.net>
- 25) [89663] Re: Anodizing Aluminum
by "John A. Evans - N0HJ" <jaevals@codenet.net>
- 26) [89664] Here we go again...
by Larry East <w1hue@amsat.org>
- 27) [89665] [FISTS] Roundup/Sprint (fwd)
by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
- 28) [89666] Re: Gentlemen's agreement??
by preacher102677@juno.com
- 29) [89667] Re: Anodizing Aluminum
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 30) [89668] [TMPS] Stick to it and they will show up....
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
- 31) [89669] Lead Ballon Idea -- test results..
by "Adrian Weiss" <aweiss@usd.edu>
- 32) [89670] Re: Smith Charts
by Bob Nielsen <nielsen@oz.net>
- 33) [89671] Re: Fun???
- by "J. Ervin Bates" <w8erv@earthlink.net>
- 34) [89672]
by w6ors@juno.com
- 35) [89673] Lets kill the 30 meters thread!!!
by "Trevor Jacobs" <fxtech@earthlink.net>
- 36) [89674] CQWW160
by "Donny Sirait" <dsirait@centrin.net.id>
- 37) [89675] Need E-Mail Address For K8FF
by K4YBB@aol.com
- 38) [89676] OHR-400 drift solution
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
- 39) [89677] Gentlemen's What, CW Where, ARRL, Old What?
by John R Kirby <n3aaz-qrp@juno.com>
- 40) [89678] Balloons for antenna support
by n5ib@juno.com
- 41) [89679] Re: Smith Charts
by "Karl F. Larsen" <k5di@zianet.com>
- 42) [89680] Re: FOX: Go git' Ron!
by "Karl F. Larsen" <k5di@zianet.com>
- 43) [89681] RE: Fun???

- by "John L. Sielke" <w2agn@pobox.com>
- 44) [89682] OP:QRP converts
by Richard Matthews <prm@hiwaay.net>
- 45) [89683] Harbor Freight Punch request
by Bruce Rattray <rattray@gpfn.sk.ca>
- 46) [89684] Cub Fox log for Wednesday, Jan. 24
by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
- 47) [89685] ATTN: Dave Benson (NN1G) or his Fans
by preacher102677@juno.com
- 48) [89686] Re: Anodizing Aluminum
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 49) [89687] Cubs, Code, and RF Reflectors
by Kenneth Hoglund <hoglund@wfu.edu>
- 50) [89688] NEQRP CW Net, Thurs, 25 Jan 01, 9:00PM EST, 3.561MHz
by Chuck Ludinsky <cjl@mitre.org>
- 51) [89689] K2 knob stock?
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 52) [89690] Novice WAS
by Bcieslak@ra.rockwell.com
- 53) [89691] Cool Word: ham-fisted
by "Ron McConnell" <rcmcc@lucent.com>
- 54) [89692] The Vail Code, PBS TV show upcoming
by "Ron McConnell" <rcmcc@lucent.com>
- 55) [89693] Re: Novice WAS
by John Birkett <jbirk44@yahoo.com>
- 56) [89694] 30m Help!
by George Reeves <greeves@emory.edu>
- 57) [89695] Re: Antenna Restricted: Ballon Hung.
by Jim Cluett <w1pid@yahoo.com>
- 58) [89696] FOX: #29 Yes, Tonight! (1/25/2001 @ 9 PM EST)
by "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
- 59) [89697] Re: Gentlemen's Agreement
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 60) [89698] Pixie
by fflynn@adelphia.net
- 61) [89699] Re: 30 meters Foxhunt ok?
by "Larry Spinner" <n2icz@hotmail.com>
- 62) [89700] Re: Harbor Freight Punch request
by Bruce Rattray <rattray@gpfn.sk.ca>
- 63) [89701] Re: 30m Help!
by "Don Wilhelm" <w3fpr@arrl.net>
- 64) [89702] Re: Cubs, Code, and RF Reflectors
by Macstein@aol.com
- 65) [89703] [CONTEST] N2CQ QRP Contest Calendar - Jan 26/Feb 18
by Ken Newman <N2CQ@citnet.com>
- 66) [89704] Re: Antenna Restricted: Ballon Hung.
by "Larry Spinner" <n2icz@hotmail.com>
- 67) [89705] Re:%20WTB:%20%20DL%20QRP%20PA

by WY1W@aol.com

68) [89706] Antenna analyzers
by Vance Huntsinger <vhuntsinger@iwiw.net>

69) [89707] 6m QRP call freq
by "W7TRX" <w7trx@mindspring.com>

70) [89708] Re: Antenna analyzers
by Phil Wheeler <w7ox@earthlink.net>

71) [89709] Re: Gentlemen's Agreement
by "Don Wilhelm" <w3fpr@arrl.net>

72) [89710] Re: Gentlemen's Agreement
by Bill Jones <kd7s@psnw.com>

73) [89711] Re: Antenna analyzers
by "Andrew Catanzaro" <acatan@execpc.com>

74) [89712] Balloons as antenna lifters
by Drbob92031@aol.com

75) [89713] Re: Antenna Restricted: Ballon Hung.
by Bruce Muscolino <w6toy@erols.com>

76) [89714] Re: Gentlemen's Agreement
by "John L. Sielke" <w2agn@pobox.com>

77) [89715] Antenna for 160
by "Mugleston, Brad" <brad.mugleston@gwl.com>

78) [89716] QRPTTF 2001?
by "John L. Sielke" <w2agn@pobox.com>

79) [89717] The Answer to the origin of the infamous "Gentlemen's Agreement"
by "Doug Hendricks" <ki6ds@dph.dppl.net>

80) [89718] Apology
by "John L. Sielke" <w2agn@pobox.com>

81) [89719] FT-817 Aluminum Enclosure -- One More Try
by "Bruce Prior" <n7rr@hotmail.com>

82) [89720] Re: Fun???

by Jim - qrp/cw <kw3u@warwick.net>

83) [89721] QRP in the classroom! Sabatoge and the unsuspecting.
by Jim Cluett <w1pid@yahoo.com>

84) [89722] Re: Fun???

by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>

85) [89723] CW Backpacking
by Lynn M Larson <green-beret@juno.com>

86) [89724] Re: 30 meters Foxhunt ok?
by Curt Milton <wb8yyy@yahoo.com>

87) [89725] RE: Antenna analyzers
by Michael Melland <badger@vbe.com>

88) [89726] RE: 30m Help!
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>

89) [89727] Re: OT Quest for elusive Novice WAS
by Curt Milton <wb8yyy@yahoo.com>

90) [89728] 30 Meters
by "Jeff Hahn" <kr4ys@hotmail.com>

91) [89729] Re: Antenna for 160

by "Bob Tellefsen" <n6wg@earthlink.net>
92) [89730] Re: The Answer to the origin of the infamous "Gentlemen's Agreement"
by "Stephen M. King" <frastephen@home.com>
93) [89731] Device to locate a break in a coax
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
94) [89732] Electrical shock on paddles--ideas?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
95) [89733] RE: ARRL and Morse Code??
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
96) [89734] Re: Electrical shock on paddles--ideas?
by <igeq100@iupui.edu>
97) [89735] RE: ARRL and Morse Code??
by Jeff <fantbb@yahoo.com>
98) [89736] RE: League's stand on CW
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
99) [89737] RE: [CW] League's stand on CW
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
100) [89738] Re: Electrical shock on paddles--ideas?
by "Bill Harbour" <bharbour@co.baldwin.al.us>
101) [89739] IARU
by "John L. Sielke" <w2agn@pobox.com>
102) [89740] Hey, Wanna 30 Metre QSO [gg]?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
103) [89741] Re: Harbor Freight Punch request
by "Phinizy, William" <wphinizy@filenet.com>
104) [89742] Re: About Tuner Losses.
by W2SH@aol.com
105) [89743] OP:QTH spotting and other stuff
by Richard Matthews <prm@hiwaay.net>
106) [89744] L Bracket Source
by "Doug Hendricks" <ki6ds@dph.dpol.net>
107) [89745] Re: 6m QRP call freq
by Jeff Stai WK6I <jstai@home.com>
108) [89746] Re: CW Backpacking
by agtaylor@llnl.gov
109) [89747] RE: CW Backpacking (rigs & batteries--long)
by "Dave Ek" <ekdave@earthlink.net>
110) [89748] Re: PSK31 Interface for Yaesu FT-817
by "Hugo W. Catta" <hugo@optonline.net>
111) [89749] Re: ARRL and Morse Code??
by Bruce Muscolino <w6toy@erols.com>
112) [89750] RE: League's stand on CW
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
113) [89751] Re: About Tuner Losses.
by Bruce Muscolino <w6toy@erols.com>
114) [89752] Re: CW Backpacking
by John Harper <ae5x@qsl.net>
115) [89753] 160m anyone?

by John Harper <ae5x@qsl.net>
116) [89754] RE: ARRL and Morse Code??
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
117) [89755] Ohio QSO Party
by Shepherd@aol.com
118) [89756] MegaConverter
by Bill Jones <kd7s@psnw.com>
119) [89757] Re: ARRL and Morse Code
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
120) [89758] Re: [FT817] Re: 6m QRP call freq
by "W7TRX" <w7trx@mindspring.com>
121) [89759] WWV usage survey results
by "laura halliday" <marsgal42@hotmail.com>
122) [89760] RE: ARRL and Morse Code??
by "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
123) [89761] FW: Question about the Amateur Radio frequencies 10.100-10.150 MHz
by alan.kaul@att.net
124) [89762] 30 meter Ramblings!
by wa4dou@excite.com
125) [89763] Survey says . . . Keep CW
by K4IA@aol.com
126) [89764] Re: 6m QRP call freq
by Michael Neverdosky <mneverdosky@earthlink.net>
127) [89765] RE: 30 meter Ramblings!
by "John L. Sielke" <w2agn@pobox.com>
128) [89766] Re: PIC dev environment
by "laura halliday" <marsgal42@hotmail.com>
129) [89767] Re: 6m QRP call freq
by "W7TRX" <w7trx@mindspring.com>
130) [89768] Re: 30 meter Ramblings!
by Phil Wheeler <w7ox@earthlink.net>
131) [89769] RE: ARRL and Morse Code??
by <schoon@amgt.com>
132) [89770] Re: 6m QRP call freq
by "W7TRX" <w7trx@mindspring.com>
133) [89771] Blown Away
by Jeffrey L Greer <wd4et@juno.com>
134) [89772] Re: Device to locate a break in a coax
by "Mike Yetsko" <myetsko@insydesw.com>
135) [89773] Re: PIC dev environment
by "Leon Heller" <leon_heller@hotmail.com>
136) [89774] Re: ARRL and Morse Code??
by "Bruce Kizerian" <kizerian@ced.utah.edu>
137) [89775] Re: 6m QRP call freq
by Jeff Stai WK6I <jstai@home.com>
138) [89776] RE: 30 meter Ramblings!
by <baltimoremd@baltimoremd.com>
139) [89777] Re: ARRL and Morse Code??

by Bruce Muscolino <w6toy@erols.com>
140) [89778] Re: About Tuner Losses.
by Bill Coleman <aa4lr@arrl.net>

Date: Wed, 24 Jan 2001 16:37:06 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: jstreet@venus.uwaterloo.ca, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [89639] Re: 30M how about this?
Message-ID: <20010125003706.2684.qmail@web805.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

It seems to me that this is happening now without any
formal "plan". Why must it be planned. Just get on the
band and have some fun.

Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
<http://auctions.yahoo.com/>

Date: Wed, 24 Jan 2001 19:18:29 -0500 (EST)
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>
To: Dave Sjolin <sjolin@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89640] Re: Novice WAS
Message-ID: <Pine.LNX.4.21.0101241916080.4757-1000000@hendryx.tcnet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 24 Jan 2001, Dave Sjolin wrote:

> Tom K wrote:
> >
> > Did they resurrect the Round-Up? That was discontinued some years back,
> > and I really enjoyed it too!
>
> Tom, I think FISTS runs it now the ARRL no longer does. Check QST
> contest corral but I think its in February.

Yes it was in February, but I'm pretty sure that FISTS is not doing it any
more, now that the Novice class is no more. I'm pretty sure FISTS
replaced it with a FISTS qsl party (now there are 4 a year...)

Ken McGuire
KC8LTL in EN74cp
at902@tcnet.org

Date: Wed, 24 Jan 2001 19:16:06 -0500
From: "Bernard F. Gaffney, Jr." <n8pvz@arrl.net>
To: ft-817@egroups.com, qrp-l@lehigh.edu
Subject: [89641] PSK31 Interface for Yaesu FT-817
Message-ID: <4.2.2.20010124190137.00a323e0@mail.surf.free.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Anyone have a source for wired and assembled PSK31 interfaces for use with the Yaesu FT-817? I'm looking for a completely assembled, Plug-n-Play type unit, ready to go out of the box. I just don't have the time/ambition to assemble a kit myself. The one source I found on the WEB for interfaces may not have an assembled version for the 817. No replies back from my email inquiries about the availability of the assembled versions...so am looking elsewhere. I've ruled out the Rig-Blaster, as I want one that connects into the data jack, rather than the mic jack.

Any assistance will be appreciated.

Please reply to me directly, rather than tying up list bandwidth.

Tnx.

72 de N8PVZ

---bernie

Bernard F. Gaffney, Jr. N8PVZ
MI-QRP# M-1152 QRP-ARCI# 9446
n8pvz@arrl.net
<http://www.familytreemaker.com/users/g/a/f/Bernard-F-Gaffney-Jr/>
Searching for Gaffney, Gascho, Moers, and Hetzer

Date: Wed, 24 Jan 2001 17:21:13 -0700
From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>
To: "'QRP-l Messages'" <qrp-l@lehigh.EDU>
Subject: [89642] FOX: #29 Warning for Thursday (1/25/01)

Message-ID: <5899595F9867D311BC0A00805F57884D01FB60ED@copland.tci.com>
MIME-Version: 1.0
Content-Type: text/plain

Hello All,

Officially the date and time is 25/Jan/2001 @ 02:00 to 04:00 UTC, try
listening 7.041.5 MHz +/-.

I will listen UP 1 to 3 khz with rather tight filters AND bad hearing. I MAY
listen closer to my TX frequency later in the session but it is VERY
unlikely I will hear you if you are calling me where I am transmitting
during the first hour.

Remember anywhere 10 Khz either side of 7.040 is fair game so if the
"buzzsaw" or other nasty conditions are present I may move but will attempt
to make my intentions known.

On my other Fox session I had a lot of difficulty at times in hearing a
complete call and tried to work with partial calls, so it is very important
that you listen carefully. If you hear part of your call, please respond
otherwise listen.

My intent is to try to be fairly consistent in my "tuning" pattern, so pay
attention to where the last successful hound was.

It may help me if you send your call, short pause and send your call again,
then listen - listen.

Hope to get you all in the log!

Ron ki0ii

Date: Wed, 24 Jan 2001 14:35:26 -0500
From: Somerville <somerville@uniserve.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [89643] Re: Gentlemen's agreement??
Message-ID: <3A6F2E7E.6971B7CB@uniserve.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I think "Gentleman's Agreement" implies "informal" should be interpreted as an action similiar to: "NET TFC LETS QSY DOWN 5 K", "R QSY DWN 5 K"

73 John/VE7CFG

Date: Wed, 24 Jan 2001 19:31:48 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [89644] OT- ARRL Membership Certificate
Message-ID: <005501c08666\$76e243a0\$d1440f3f@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Folks,
While we are discussing of-topic stuff,
I had trouble downloading my membership certificate from the ARRL members only website. For some reason my dial-up connection was getting hung up in the process.

Has anyone else had a similar problem?
BTW - The nice folks at ARRL did e-mail my certificate.

73,
Don Wilhelm -Chapel Hill, NC W3FPR home page:
<http://www.w3fpr.webprovider.com>
QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

Date: Wed, 24 Jan 2001 19:50:50 EST
From: AC5JH@aol.com
To: qrp-l@lehigh.edu
Subject: [89645] 2001 Spring, To the Field
Message-ID: <aa.102e69be.27a0d26a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Greetings,

Can someone please give me the dates for the Spring To The Field event this year and what will the format be for 2001. Setting up a club calander and need this info.

Thanks and gud QRP to u,

Tom AC5JH

Date: Thu, 25 Jan 2001 00:51:57 -0000
From: "John Lockhart" <jlockj@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [89646] Gentlemen's Agreement
Message-ID: <005a01c08669\$1a6b46a0\$9f2d1f26@jlockj.minn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My recollection is that QST and CQ responded to the concerns of non-contesters and set the WARC bands aside as a refuge for hams to escape the screaming hordes during major contest weekends. I considered (an still do) this to be a very positive step in providing very usable spectrum for hams that prefer to have rag chew rather than contest QSO's. If individuals or organizations choose to start conducting min-contests on the WARC bands, it's not very difficult to see that contesting enthusiasts would soon use such activity as evidence that the WARC bands should be opened up for ALL contests. I'd hate to see that happen, as hams operating QRP will suffer the greatest harm.

Sometimes you don't know what you have until it's gone!

73,

John W0DC

Date: Wed, 24 Jan 2001 17:59:05 -0700
From: "Benedict B. Cruise" <B.Cruise@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89647] Fun???

Message-ID: <006301c0866a\$04a2b000\$52814a0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have just finished reviewing 204 postings in the last 24 hours. This drive about 30 meters, ARRL cw stand etc will kill this list faster than anything. I think the old saying "if you don't have anything good to say, say nothing" still applies. Let's stick to the topic that this list created for. QRP, building, etc.

Date: Wed, 24 Jan 2001 18:10:03 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: <victor@brechnet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89648] Re: The HAAAAHA Virius
Message-ID: <000701c0866b\$8eab7d80\$f6142aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Vic and the group,
The address on the virus emails is a phony. If you send an email to that address you will get a web site dedicated to inform you about the virus and give help in getting rid of it if you are infected. I don't have the url any more but it had something like "sexyfun" in it. When they set up the site they decided to use the phony url. You can't get infected by going to the website but you sure can if you open an attachment on the "HA HA HA" email.
Bob Baxter AA7EQ
Bisbee, Az.

Date: Thu, 25 Jan 2001 01:11:38 +0000
From: "Chuck Adams, K7QO" <k7qo@primenet.com>
To: qrp-l@lehigh.edu
Subject: [89649] 30 Meters --- the dead horse beating
Message-ID: <5.0.2.1.0.20010125005758.00a0e1f0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

With all the time spent on QRP-L discussing this topic there are too many of you that haven't been on the air in months and maybe even years. Push yourself away from the keyboard and dust off the rig. :-) I could have had WAS by now if some of you would get on the air. And the ARRL just recently announced DXCC on 17 meters.

The FOXHUNT was started as an exercise to get people on the air. It was not a contest when I started it. I am not responsible for what it is now or perceived to be..... :-)

I'll be on 10 meters pretty quick now and will let you know when. Jim, K8IQY, how many states you have now???

I worked the fox last night with my old SWL-40+ beta rig. And I did it without RIT. I listened to the fox call CQ and then tuned up the band to hear the pack of baying hounds. Then I carefully tuned down until I could hear Jim at a very high pitch. Worked him 56 mins into the exercise/contest/chaos/... :-) At 500mW too.

And to the idiot that keeps week after week sending LID. Would you please cease doing that. It is worse than the person you are screaming at. It causes more QRM. And it is illegal since you do not identify. See the FCC regulations.... My opinion on that subject in more detail than you wanted....

OK. Everyone on 30 meters and into the pool..... CU there.

dit dit

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com

TMPS-2001 Jan 22, 2001 Q's = 35 States = 19 Counties = 33 DXCC = 3
SWL-30 with CMOS 3 keyer and Vibroplex Code Warrior Paddle 0.500W and vee-beam
ID TX LA CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA (in order worked)
DXCC --- K XE VE

Date: Wed, 24 Jan 2001 17:17:06 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>

Subject: [89650] Getting ready for CQ WW 160m CW contest
Message-ID: <000701c0866c\$88ab6de0\$9fd9fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll be on 160m tonight, testing my antennas for the contest.
If you are interested in a QRP ragchew on 160m cw,
please look for me.
I'll be in the bottom 25 kHz of the band, probably calling
CQ on a dead-sounding band :-)
73,
Bob N6WG
Newark, CA
on San Francisco Bay

Date: Wed, 24 Jan 2001 19:30:42 -0500
From: Brian <brian@iquest.net>
To: Zoerb.Ron@broadband.att.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89651] Re: FOX: #29 Warning for Thursday (1/25/01)
Message-ID: <3A6F73B2.90C0D671@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Do you really mean 26/Jan/01 02:00 to 04:00 UTC?

That would be Thursday night EST.

The time you list below would be tonight, at 9PM EST.

"Zoerb, Ron" wrote:

>
> Hello All,
>
> Officially the date and time is 25/Jan/2001 @ 02:00 to 04:00 UTC, try
> listening 7.041.5 MHz +/-.
>
> I will listen UP 1 to 3 khz with rather tight filters AND bad hearing. I MAY
> listen closer to my TX frequency later in the session but it is VERY
> unlikely I will hear you if you are calling me where I am transmitting
> during the first hour.

>
> Remember anywhere 10 Khz either side of 7.040 is fair game so if the
> "buzzsaw" or other nasty conditions are present I may move but will attempt
> to make my intentions known.
>
> On my other Fox session I had a lot of difficulty at times in hearing a
> complete call and tried to work with partial calls, so it is very important
> that you listen carefully. If you hear part of your call, please respond
> otherwise listen.
>
> My intent is to try to be fairly consistent in my "tuning" pattern, so pay
> attention to where the last successful hound was.
>
> It may help me if you send your call, short pause and send your call again,
> then listen - listen.
>
> Hope to get you all in the log!
>
> Ron ki0ii
>
>

--

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Member of the American Radio Relay League - SOC #400
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Wed, 24 Jan 2001 20:24:11 EST
From: RangerSF5@aol.com
To: rbaxter@cybertrails.com, qrp-l@lehigh.edu
Subject: [89652] Re: The HAAAAHA Virius
Message-ID: <55.10485b92.27a0da3b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 1/24/01 8:11:29 PM Eastern Standard Time,
rbaxter@cybertrails.com writes:

<<
Vic and the group,
The address on the virus emails is a phony. If you send an email to >>

Anyone who went to sexyfun for a virus protection isn't to smart.
The person who posted the URL for FREE virus protection posted a VALID URL.
It works well and has many features.
It found the worm on boot up on my big machine..
Also since it was in one of 2 files (duplicate) I was able to deleted the
infected file although the virus program had healed it.
Bob
WA2HQrp <tm>

Date: Wed, 24 Jan 2001 17:41:06 -0800 (PST)
From: Jim NOUR <n0ur@yahoo.com>
To: QRP-L@Lehigh.edu
Subject: [89653] Fwd: FOX- NOUR LOG first draft
Message-ID: <20010125014106.74776.qmail@web10414.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I posted this over 12 hours ago, and still not on
QRP-L, so lets try it this way.

--- NOUR1@aol.com wrote:

> From: NOUR1@aol.com
> Date: Wed, 24 Jan 2001 19:07:50 EST
> Subject: Fwd: FOX- NOUR LOG first draft
> To: n0ur@yahoo.com
>
>
>

> ATTACHMENT part 2 message/rfc822
> From: NOUR1@aol.com
> Date: Wed, 24 Jan 2001 09:07:50 EST
> Subject: FOX- NOUR LOG first draft
> To: QRP-L@Lehigh.EDU
>
>

> Thanks to all that hung in there, hope I didn't miss
> many. I just locked up
> a couple of time and had to mentally reboot. I made
> the mistake of trying
> to tuning around to much picking out a call, I found
> it much better to first
> pick out a call, then tune to it. Here is the log,
> just as I heard it, no
> fills yet. I don't know why the formatting changes
> when I copy this to AOL,

> it was all nice and straight rows.

>

>

> TIME	CALL	RST	SEC	NAME	POWER
> 0200	N4ROA	559	VA	DAN	5W
> 0201	K0EVZ	569		ND	DOC 2W
> 0201	N9AW	559		WI	JERRY 5W
> 0202	K0SQ	599		MN	CHUCK 5W
> 0203	W8SFF	559	MI	STEVE	5W
> 0204	W9XT	579	WI	GARY	5W
> 0204	W9XU	559	WI	LON	5W
> 0205	N1LN	579	TX	BRUCE	5W
> 0205	W0JOE	559	MO	JOE	5W
> 0206	K0FRP	599		CO	AL 5W
> 0206	WA9TZE	559	WI	JIM	5W
> 0207	N5GLQ	559	LA	MIKE	5W
> 0207	VE3FAL	599		ON FRED	5W
> 0208	NK9G	55P	WI	RICK	5W
> 0209	K2Q0	559	NY	MARK	5W
> 0210	K9IUA	559	ND	KEVIN	5W
> 0212	K0MP	559	CO	BILL	5W
> 0213	N2WW	559	CO	LARRY	5W
> 0214	W0PWE	599	IA	JERRY	5W
> 0215	K8CV	559	MI	WALT	5W
> 0215	KK5LD	559	TX	DAN	5W
> 0216	K5AAR	559	OK	DON	5W
> 0216	VE5RC	559	SK	BRUCE	5W
> 0217	N5TW	599	TX	TOM	5W
> 0218	W5TB	559	TX	DOC	5W
> 0219	N1FN	559	CO	ET	5W
> 0220	VE6JAZ	579	ROB	AB	5W
> 0221	N5ET	559	TX	BOB	5W
> 0223	AC5JH	559	OK	TOM	5W
> 0224	W0CH	559	CO	DAVE	5W
> 0224	NQ7X	559	AZ	FLOYD	5W
> 0225	WB8RCR	559	MI	JOHN	2W
> 0226	K5JHP	559	TX	BILL	5W
> 0227	K5VUU	559	TX	ED	5W
> 0228	W5SB	559	TX	BILL	5W
> 0229	K4FB	559	FL	PAUL	5W
> 0230	K5EN	559	TX	STEVE	5W
> 0231	W3ERU	559	MD	WES	5W
> 0231	N5IW	599	TX	DAVE	5W
> 0232	K3IU	579	RI	KEN	5W
> 0233	W5YR	559	TX	GEORGE	5W
> 0234	KC1FB	559	CT	JIM	5W
> 0234	K4BYF	559	FL	JACK	5W
> 0236	K5ZTY	559	TX	BILL	5W

> 0237	K4GT	559 GA	JIM 5W	
> 0237	K7RE	559 AZ	BRIAN	5W
> 0238	W5HNS	559 TX	GARY	5w
> 0239	VA6RF	559 AB	EARL	5w
> 0240	N8IE	559 OH	DAN 3W	
> 0241	NK7M	559 AZ	BOB 5W	
> 0241	W0HEP	559 CO	RICH	5W
> 0242	W6ABC	559 CA	JACK	5W
> 0243	WS4S	559 TN	CONARD	5W
> 0244	K10J	559 TX	OJ 5W	
> 0245	KI0II	559 CO	RON 5W	
> 0245	AB8DF	559 MI	ED 5W	
> 0246	AF4PS	559 FL	MAC 4W	
> 0247	N5WL	559 OK	BART	5W
> 0248	NU8S	559 OH	DENNIS	5W
> 0249	N5UW	579 OK	CLIF	5W
> 0250	KQ5U	559 TX	TERRY	5W
> 0250	K8DD	589 MI	HANK	5W
> 0251	K5DI	579 NM	KARL	5W
> 0251	K7FD	559 OR	JOHN	5W
> 0252	K5OI	559 NM	TIM 5W	
> 0253	K7TQ	559 ID	RANDY	5W
> 0254	N0EHW	559 MO	TIM 5W	
> 0254	N5JI	559 TX	RICH	5W
> 0255	N2ZHY	559 NJ	DAVID	5W
> 0256	K7Q0	559 AZ	CHUCK	500MW
> 0257	K0YWD	559 MT	GEORGE	5W
> 0258	WA50JE	559 TX	DANNY	5W
> 0258	N6WG	559 CA	BOB 5W	
> 0259	W1HUE	559 ID	LARRY	5W
> 0259	WE6W	579 CA	ED 5W	
> 0300	NV4V	579 KY	PETE	5W
> 0301	WB8U0J	559 OH	BOB 4W	
> 0302	K5DW	559 TX	DON 5W	
> 0302	WB7AEI	559 WA	PHIL	5W
> 0303	WA7TQK	559 ID	BILL	5W
> 0304	K0PC	599 MN	PAT 5W	
> 0304	N0AR	559 MN	SCOTT	4W
> 0305	KB0R	599 MN	LARRY	5W
> 0306	W0UFO	559 MN	MERT	5W
> 0307	AA7XA	559 OR	FRANK	5W
> 0307	N0TU	559 CO	STEVE	5W
> 0309	KE6RS	559 CA	RON 5W	
> 0309	W2XN	559 FL	FRED	5W
> 0312	WA5REJ	559 TX	AL 5W	
> 0313	K5EOA	559 LA	WAYNE	5W
> 0314	W5PFR	559 TX	PAUL	5W
> 0316	N4VM	559 TN	BRYAN	5W

> 0317	W9UQB	559	AZ	MIKE	5W
> 0318	W5USJ	559	TX	CHUCK	3W
> 0319	KI0RB	559	CO	VINCE	5W
> 0320	K3NG	559	PA	`GOODY	5W
> 0322	KD3OG	559	NJ	STEVE	5W
> 0323	K5AEM	599	TX	JON	5W
> 0324	AB0GO	559	CO	DAVE	5W
> 0325	AA7EQ	559	AZ	BOB	5W
> 0325	KB1FNS	559	VT	JOHN	5W
> 0327	AJ4AY	579	AL	JAY	5W
> 0327	WR5O	559	TX	DAVE	5W
> 0330	WA7SPY	559	CA	GLENN	5W
> 0331	K5LN	559	TX	BILL	5W
> 0331	AD6JY	579	CA	DAN	5W
> 0332	N5IB	559	LA	JIM	5W
> 0334	N1TP	559	FL	TOM	5W
> 0335	K5JS	559	LA	JOHN	2W
> 0335	N0HRL	559	MN	KEN	5W
> 0337	N4SO	559	AL	KEN	5W
> 0338	W4NJK	559	CA	CHUCK	5W
> 0339	NK7M/K1	559	AZ	BOB	5W
> 0341	W3PNL	559	PA	JOE	3W
> 0342	AC3A	559	NY	SCOTT	5W
> 0343	N2LO	599	NJ	BOB	5W
> 0344	N7GS	579	MT	MAL	5W
> 0346	W7AQK	559	AZ	DAVE	5W
> 0347	W3CD	559	CA	BOB	5W
> 0348	WB8WTU	559	OH	DENNIS	5W
> 0353	W5NC	559		TX ZED	5W
> 0355	W0RSP	559	SD	ADE	5W
> 0400	N0UR	559	MN	JIM	5W

>

> TOTAL 123 QSOS

>

>

>

Do You Yahoo!?

Yahoo! Auctions - Buy the things you want at great prices.

<http://auctions.yahoo.com/>

Date: Thu, 25 Jan 2001 01:59:01 +0000

From: "Chuck Adams, K7Q0" <k7qo@primenet.com>

To: qrp-1@lehigh.edu

Subject: [89654] Anodizing Aluminum
Message-ID: <5.0.2.1.0.20010125014343.00a10230@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

For those of you that may be making cases for rigs.

I use Al sheet and with the Harbor Freight Shear and Brake to make TenTec like cases. I have yet to hear from Doug Hendricks, KI6DS, on just where he gets the L-brackets that are 1cm on a side and tapped for 4-40 screws. They are just perfect for what I need. I have four that he sent with the IOWA QRP-10 parts for the building contest. And with as many cases as I have now made I have more than paid for the shear.

I ran across a well written article on the web on how to do anodizing. Now this process uses dangerous chemicals so don't do this unless you set it up with all the safety precautions. We don't need a thread on this one and the hazards thereof. The URL is

<http://www.geocities.com/CapeCanaveral/Galaxy/7004/>

and goes through all the gory details on how to do it. You don't want to do this for one off but set up the facilities if you are going to do many.....

I now have a mil and a lathe for making Crayford focus mechanisms for telescopes and I will be doing anodizing of these critters for kids in the area that are getting into Astronomy.

But I'm going to experiment with anodizing the QRP cases for the rigs. The only thing that I don't have without CNC is the method for engraving the lettering on the panels --- front and back. I could go to the mall and get the engraving people that do plaques etc. do it and pay by the letter.

Anyone got an old Leroy lettering set that they aren't using? I was thinking of using one with a bit and cable to a Dremel tool to do the lettering. I'm sure someone has tried this as active as this group is on doing the weird and wonderful. :-) And if you don't know what a Leroy lettering set is then you didn't do drafting work??? or you're way to young. :-)

FYI and back to the band wars in progress....

dit dit

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com

TMPS-2001 Jan 24, 2001 Q's = 37 States = 19 Counties = 34 DXCC = 3
SWL-30 with CMOS 3 keyer and Vibroplex Code Warrior Paddle 0.500W and vee-beam
ID TX LA CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA (in order worked)
DXCC --- K XE VE

Date: Wed, 24 Jan 2001 16:34:26 -0500
From: Somerville <somerville@uniserve.com>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [89655] Re: Antenna Restricted: Ballon Hung.
Message-ID: <3A6F4A62.C34CBF5E@uniserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thats why I moved over to the bow and arrow.

Bruce Muscolino wrote:

> John,
>
> There are certainly places where pilots are foolhardy to go! Remember
> the saying "there are old pilots and there are bold pilots but there are
> no old bold pilots". But, please consider this when you consider
> balloon borne antennas. Your balloon doesn't think any place is
> foolhardy when it escapes your control and goes flying by itself!
>
> 73

Date: Wed, 24 Jan 2001 20:14:48 -0600

From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [89656] Eliminating the 30m Contest Confussion
Message-ID: <007201c08674\$98ca58a0\$63763ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Maybe I can help clear up the 30m contest confusion although it will not define a "contest". In particular see #3 under IARU RESOLUTION 88-2. Number 4 may apply to some activities we have grown accustomed to on the other bands. By the way, we (U.S.) are a member society.

FCC Rules...

PART 97 - AMATEUR RADIO SERVICE

Subpart D - Technical Standards

97.303 Frequency sharing requirements.

(d) No amateur station transmitting in the 30 meter band shall cause harmful interference to stations authorized by other nations in the fixed service. The licensee of the amateur station must make all necessary adjustments, including termination of transmission, if harmful interference is caused.

(Anyone who has ever operated a contest knows the above is difficult to adhere to in a contest.)

IARU RESOLUTION 88-2

(Revised 1990 and 1999)

The IARU Administrative Council, Seoul, October 1988, recognizing that the allocation to the Amateur Service of 10.1-10.15 MHz is unique, in that it is the only high-frequency allocation to our service that is on a secondary basis, noting that the band is narrow, and in many parts of the world is occupied by stations of the Fixed Service, which have priority, and further noting that harmful interference to stations in the Fixed Service by stations in the Amateur Service could result in the imposition of additional restrictions on amateur operation, and even in loss of the band, resolves

1. that member-societies should seek to have their administrations relocate fixed stations outside the 10.1-10.15 MHz band, on a national basis;
2. that amateurs using the band shall limit themselves to narrow-band,

non-voice emissions except as necessary for temporary emergency and disaster relief communications;

3. that contest activity shall be prohibited in the band; and

4. that member-societies shall avoid creating incentives, such as special awards, for operating in the 10 MHz band that could result in interference to stations operating in the Fixed Service.

For more IARU information see: <http://www.iaru.org/ac-respol.html#88-2>

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

aa5tb@arrl.net

<http://www.geocities.com/aa5tb>

Date: Wed, 24 Jan 2001 19:13:07 -0500
From: Brian <brian@iquest.net>
To: kkleiner@megsinet.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89657] Re: Novice WAS
Message-ID: <3A6F6F93.E05A532E@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes...now it's called the FISTS Novice Roundup...and if memory serves me correctly I think it's in Feb or Mar.

Tom K wrote:

>
> Did they resurrect the Round-Up? That was discontinued some years back,
> and I really enjoyed it too!
>
> Tom, N9HWC

--

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Member of the American Radio Relay League - SOC #400

FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

Date: Wed, 24 Jan 2001 22:17:07 -0500
From: David Newkirk <dpnewkirk@home.com>
To: qrp-1@Lehigh.EDU
Subject: [89658] Reference: Origin of the "No Contests" Concept at 30 Meters
Message-ID: <3A6F9AB3.4C385387@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

See R. L. Baldwin, W1RU, "What About 10 MHz?," IARU News, QST, January 1984, page 71. I urge you to read the entire column, but here's the gist:

"After WARC-79, prior to actual implementation of the conference decision, there was considerable IARU debate about the projected use of the new band at 10 MHz. It was indeed a special case. It was only 50 kHz wide. It was shared with the fixed service, which includes both civilian and military users of many countries. Amateur use was to be secondary, and on the basis that no interference was to be caused to primary users. For these reasons, should there be any voluntary restrictions by the amateur service? [Paragraph break.] Yes, the members of the IARU decided. Because of the limited width of the band, only narrowband modes should be used -- i.e., CW and RTTY. No phone. Similarly, because the amateur service was secondary and not to cause interference to the primary user, the members of the IARU agreed that they ought not to encourage any type of operation that was competitive in nature. Thus, it was agreed not to sponsor contests on 10 MHz or to encourage the crediting of contacts on that band for any form of awards. It was hoped that this restriction would discourage the wild pile-ups that often occur when a rare DXpedition makes its on-the-air appearance."

Since that column was published, 30-meter contacts have been deemed acceptable for some ARRL DX and Worked All States awards -- so the "discourage the wild pile-ups" concept can be said to have been abandoned for 30 meters by the ham organization that printed the magazine in which the above excerpt appeared, even though amateur radio remains a secondary user of the band to this day. I'm not going to weigh in on whether or not I think a QRP foxhunt is a contest; I do, however, have a hard time imagining that a few tens of folks running 5 W output or less while attempting for a few hours to contact another low-power station could in any way create a pileup that would suggest the adjective "wild, much less be *as* wild as the *actual* 30-meter pileups I've heard created by stations attempting to make contacts that now

legitimately qualify for an ARRL DX award. (Every QRP fox operation, it seems to me, could be considered a DXpedition to the country, or a WASpedition to the state, from which it originates.) As for the troubling implication in the above excerpt that any competitive operation at 30 must naturally and unavoidably lead to interference with the primary user of the band, I recall that I live in a country where, unlike some of those whose national ham organizations are IARU members, one is -- at least in theory -- presumed innocent until proven guilty.

73,

Dave, W9VES

Date: Wed, 24 Jan 2001 22:24:27 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89659] FOX: Go git' Ron!
Message-ID: <3A6F9C6A.61558CCB@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Ron is doing a bang-up job as the Cub Fox tonight. I hear lots of familiar calls, including W5YR George down in TX - he was a good 599+ here in VT. I'm telling you guys, there is a big massive RF reflector down there!!!

Go get a pelt!

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Wed, 24 Jan 2001 22:25:34 EST
From: K5BDZ@aol.com
To: res075cz@gte.net, qrp-l@lehigh.edu
Subject: [89660] Tuner and TenTec
Message-ID: <3b.f88706a.27a0f6ae@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

While unpacking my TenTec Argosy I Analog and all it's accessories - so I can list and sell them on this site... - I opened a long packed box

and found the circa 1955 Miller 595 High Fidelity Tuner I had packed away. It was a crystal set Hi Fi tuner for AM, mono of course. Vernier drive tuning. It's in excellent shape.
Wonder what it's worth today...? Never seen one advertised since mid 50's.

Will advertise TenTec Argosy I and spare cabinet later.

Bill K5BDZ

Date: Wed, 24 Jan 2001 21:05:51 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <victor@brecnet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89661] Re: The HAAAAHA Virius
Message-ID: <027001c08680\$6b1a5e80\$0300a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Vick, the site "sexyfun.com" (or is it .NET ? I forgot) is a legitimate site set up as a response to the virus. The site did not originate the virus, but again was set up in response to it to counter it.

The listing of the source of the virus was phony. That's why the guys bought the "name" and set up the site. There are worthwhile tools there for fighting it.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----
From: "Victor Blackwell" <victor@brecnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, January 24, 2001 5:48 PM

Subject: The HAAAAHA Virius

>
> I just got a e-mail telling about some sort of a fix for the virus, there
> was a URL listed to go get the program to fix the virus. I did not go
> there. But, interestingly enough, it came from the same place as the
virus
> came from. HMO, glad I did not go there.
>
> So Be Warned.
>
> Vic AD8K
>

Date: Wed, 24 Jan 2001 20:43:25 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: qrp-1@lehigh.edu
Subject: [89662] Re: Getting ready for CQ WW 160m CW contest
Message-ID: <3A6FA0DD.ABECE170@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bob,

FB - I will listen for you on 160m tonight and on the weekend. I have
worked CA already, but have yet to receive a QSL card. I need to work
MT, AK, VT, SC, RI, and ME to have actually worked all 50 states on 160m
CW QRP, but still need QSL cards from CA, KY, TN, AL, NC, NY, MD, and
NJ.

enjoy es 72 - john - n0hj

Bob Tellefsen wrote:

> I'll be on 160m tonight, testing my antennas for the contest.
> If you are interested in a QRP ragchew on 160m cw,
> please look for me.
> I'll be in the bottom 25 kHz of the band, probably calling
> CQ on a dead-sounding band :-)
> 73,
> Bob N6WG
> Newark, CA
> on San Francisco Bay

Date: Wed, 24 Jan 2001 20:48:19 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: k7qo@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89663] Re: Anodizing Aluminum
Message-ID: <3A6FA202.AB549B18@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck et al,

I recently researched and purchased a nut rivet tool from Harbor Freight as I was looking for a way to add mounted nuts to my cases. The Harbor Freight tool is nice, works with pop rivets (if anyone has a need for using those) and has attachments for nut rivets as well. In particular, the 6-32 size seems to be a good general size for case projects. Warning however. I bought a box of aluminum nut rivets from Harbor Freight and the 6-32 variety included are really junk - the nut will thread on the tool but any pressure at all during installation will pull the tool right out of the nut rivet.

So I am researching alternate sources for 6-32 nut rivets. I found a source locally at a surplus shop but need to test them before use.

Chuck, I am curious - have you found a good, reasonable source for aluminum sheet for the brake and shear?

tnx es 72 - john - n0hj

"Chuck Adams, K7Q0" wrote:

> Gang,
>
> For those of you that may be making cases for rigs.
>
> I use Al sheet and with the Harbor Freight Shear and Brake
> to make TenTec like cases.

Date: Wed, 24 Jan 2001 19:46:34 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-1@lehigh.edu
Subject: [89664] Here we go again...
Message-ID: <3.0.5.32.20010124194634.009716f0@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Must be the cold weather ... seems like every year around this time everyone has to post their two cents worth about CW and the ARRL! And now "contesting on 30M" has been added to exercise the delete key even more! :-)

Date: Wed, 24 Jan 2001 23:37:18 -0500 (EST)
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89665] [FISTS] Roundup/Sprint (fwd)
Message-ID: <Pine.LNX.4.21.0101242336350.14408-1000000@hendryx.tcnet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

FYI, since the topic came up here...

Ken McGuire
KC8LTL in EN74cp
at902@tcnet.org

----- Forwarded message -----
Date: Tue, 23 Jan 2001 19:45:58 EST
From: ATanner283@aol.com
To: FISTS <fists@qth.net>
Subject: [FISTS] Roundup/Sprint

I see the powers that be at QST have confused themselves again. Please note that there is NO Novice Roundup any longer. The FISTS Winter Sprint is during the second weekend of Feb. I was assured that I only had to submit ALL the dates for the year just one time, which I did last November. Our announcement for the SPRINT did not show up. None of the other rags is receptive to it either. Guess we are outlaws/outcasts or some such. Dont know where they thought the Novices would come from anyway. See you in the SPRINT.....Al/W8FAX/2192

Submissions fists@qth.net

Date: Wed, 24 Jan 2001 23:16:28 -0500
From: preacher102677@juno.com
To: qrp-1@Lehigh.EDU
Subject: [89666] Re: Gentlemen's agreement??
Message-ID: <20010124.232922.-186757.19.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ummm,

I may have not "earned" my way into the "general counsel" yet, but as a realitive newcomer to the fine pursuit of QRP, I'd rather hear about how to build a rig using 30m (MS-30, Steve ;-)) Than to hear about debates concerning the "proper" use of the band. I mean, hey, I want me to use CW, apparently you want me to use CW, but we'd rather talk about semantics and the finer points of law, than how to get on the air using CW! I thought more amateurs were employed in the field electronics, and not law! (I hope my cousin isn't reading this list! He's both I believe!).

Anyway, my point is, teach me to build rigs, and use CW, that's what I was told this list was all about. Keep ranting about "use of the spectrum", and I'll start trying out the sermon I plan on preaching in two weeks. Both are non Sequitar as I see it, and I'd rather talk about something good than bad! To warn you in advance, it's about the parable of the five wise and five foolish virgins, and every sermon I preach is a Gospel Sermon!

Gentleman: (GEN-Til-man) n; a man who does his best to bring comfort to everyone with whom he contacts.

Source: Jennie Sue Tanner Hoyt, My Grandmother, and one of the few remaining members of the true "Southern Gentility."

LIC,

G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
Photographer, Philosopher, Preacher, Pirate, Poet.
DE KG4GVL Clear.

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 25 Jan 2001 04:48:34 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: jaevans@codenet.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89667] Re: Anodizing Aluminum
Message-ID: <5.0.2.1.0.20010125044414.00a1d660@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:48 PM 1/24/01 -0700, John A. Evans - N0HJ wrote:

>Chuck, I am curious - have you found a good, reasonable source for aluminum sheet
>for the brake and shear?
>
>tnx es 72 - john - n0hj

John,

I have a place down in Phoenix called Davis Metals. They are a salvage type operation, so you have to look at your local area for salvage/metal dealers. They have various thicknesses of Aluminum in large sheets about 1m x 2m or so, but you have to take the leather gloves and look through row after row of sheets stacked on their edges in bins.

The going price of \$2 per pound makes the material much cheaper than I can find anywhere else. Brass goes for \$4 a pound if you can find it.

Good luck in the search. RadioShack.com has some sheet aluminum but it isn't as cheap.
:-)

FYI

Chuck Adams, K7Q0
Prescott, AZ k7qo@primenet.com

TMPS-2001 Jan 24, 2001 Q's = 38 States = 21 Counties = 35 DXCC = 4
SWL-30 with CMOS 3 keyer and Vibroplex Code Warrior Paddle 0.500W and vee-beam
ID TX LA CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA GA HI (in order worked)
DXCC --- K XE VE

Date: Thu, 25 Jan 2001 04:52:50 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: qrp-1@lehigh.edu
Subject: [89668] [TMPS] Stick to it and they will show up....
Message-ID: <5.0.2.1.0.20010125044952.009f8ec0@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

The thrill of working GA and HI back to back is something that words can not describe.

Sam, KH6AFS, has very good ears and the band was open again after seemingly going dead for about an hour. You gotta call CQ and see who shows up. And I'll take a 429 RST anytime of the day or night for DX...

FYI

Chuck Adams, K7Q0
Prescott, AZ k7qo@primenet.com

TMPS-2001 Jan 22, 2001 Q's = 38 States = 21 Counties = 35 DXCC = 4
SWL-30 with CMOS 3 keyer and Vibroplex Code Warrior Paddle 0.500W and vee-beam
ID TX LA CA AZ NM WY NV MT CO OR ME KY WA SD NE NC AR IA GA HI (in order
worked)
DXCC --- K XE VE KH6

Date: Wed, 24 Jan 2001 23:47:25 -0600 (CST)
From: "Adrian Weiss" <aweiss@usd.edu>
To: qrp-1@lehigh.edu
Subject: [89669] Lead Ballon Idea -- test results..
Message-ID: <Pine.SOL.4.03.10101242342230.6025-1000000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang:

Egg on my face. So I got a \$3.00 1-ft dia balloon today to measure its lifting power. Almost zilch. My postal scale shows maybe a quarter of an ounce is the maximum load. Dave's figures on lift power tell the story.

I figure that the shiny fabric etc is the main load that the helium lifts in these things. I bet one of those thin-skinned weather type balloons would show a lot more lift power per cubic foot.

I am heartened by the fact that 4 birthday balloons hung a 40m Inv V plus some RG174 feedline.

Do I want to shell out another \$9.00?

Dunno....

72, Ade

Date: Wed, 24 Jan 2001 19:07:42 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [89670] Re: Smith Charts
Message-ID: <20010124190742.A2135@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

The book is "Electronic Applications of the Smith Chart". I had a copy in the mid-1960's but lent it to my brother-in-law and never got around to asking him to return it. The ARRL carries the second edition (1995) for \$59, published by Noble: <http://www.arrl.org/catalog>, under Antennas/Transmission Lines.

Bob, N7XY

On Wed, Jan 24, 2001 at 05:48:43PM -0600, Stuart Rohre wrote:

> George and the group,
> Now I have to put my memory cap on, :-) The Smith Chart book was either
> advertised in the back of Microwave Journal, RF Design, or maybe even in one
> of the big four ham magazines: CQ, QST, 73, and World Radio. I know I have
> seen it within the last year. Noble Publishing Co. is one who picked up

> Sevick's book from ARRL for awhile, and maybe they did the Smith book. I
> think it is simply: "The Smith Chart" by Phillip Smith. I will look around
> the home shack/books collection. On the other hand, likely Noble Publishing
> has a web site. There is another RF publishing co. that escapes my memory
> now, but it might also have been the one. As I recall, it was not a large
> ad, one of those back of the magazine professional cards size ones.
>
> Another clue, if ARRL is not publishing Caron's book now, as I think is
> true, wish I had looked inside the one at Barnes and Noble today to see who
> publishes it now, maybe they also do the Smith book.
>
> If anyone on the list has access to their RF trade magazines I am not at
> home where I keep a few, :-)
> Trying to keep up with 24 publications things do go by in a speed reading
> blur!
> 73,
> Stuart K5KVH
>

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Thu, 25 Jan 2001 03:47:55 -0500
From: "J. Ervin Bates" <w8erv@earthlink.net>
To: <B.Cruise@worldnet.att.net>, Low Power Amateur Radio Discussion <qrp-
l@lehigh.edu>
Subject: [89671] Re: Fun???
Message-ID: <B695526B.445%w8erv@earthlink.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

<snip>This drive1 about 30 meters, ARRL cw stand etc will kill this list
faster than anything. I think the old saying "if you don't have anything
good to say, say nothing" still applies. <end>

With due respect to those of opposite opinions, there is always a few who
complain when an actual conversation takes place, here on the list. And,
unlike the doomsayers, I believe free exchange of ideas between hams will
only HELP this list.

Maybe less complaining and more contributing would be beneficial here. I
know, I know....this is a QRP list and the purists will rail against

anything BUT QRP conversation, but is it so bad that people actually feel constrained to reply to something THIS thought-provoking? I think not.

There...my .02 worth, withOUT CW comments. :-)

72,
Erv W8ERV

Date: Wed, 24 Jan 2001 22:19:48 -1000
From: w6ors@juno.com
To: qrp-l@Lehigh.EDU
Message-ID: <20010124.230311.-1933919.1.w6ors@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

1-24-01

Hello out there.

Have a possible convert to QRP! He wants a MFJ-9406X and asked if I'd post his request here on QRP-L. Please reply direct to w6ors@juno.com.
tnx es 72/73,

Corky W6ORS

Hilo HI

A boy becomes a man when he decides it's more fun to steal a kiss than second base.

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 25 Jan 2001 01:36:02 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89673] Lets kill the 30 meters thread!!!
Message-ID: <01cc01c086b2\$3bbfcc60\$50e9b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK guys and gals,

I feel a bit responsible for starting this thread. I asked a simple question and it turned into a major heated discussion! Like Doug Hendricks, I was not aware of the agreements on the WARC bands. Let's not ruin the bandwidth here with senseless dribble. I'd rather be talking about other stuff and I'm sure that most of the rest of you would, like who's going to lay out the Norcal 40A into a surface mount board to fit into an altoids tin! Lot's more fun to talk about and more productive.

Take care and I'll see you on the air. BTW for all the ops that I talked to with the SMK-1 from San Antonio, I'm sending out QSL cards this week. Looks like I'm going to be taking an extended trip to Madison,WI, so I may take the SMK-1 along and try it from that QTH. More details to follow. Any local ops in that area???

73

Trev

KG6CYN

Date: Thu, 25 Jan 2001 18:46:17 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89674] CQWW160
Message-ID: <001b01c086c4\$7247e440\$a8f892ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear friends,
Please listen to our club station YC1ZTC at the contest.
The club station will not operate QRP however but only
100 watts max.

vy 72 de YB1BOD
Donny

Date: Thu, 25 Jan 2001 06:50:43 EST
From: K4YBB@aol.com
To: qrp-1@lehigh.edu
Subject: [89675] Need E-Mail Address For K8FF
Message-ID: <98.fa921bd.27a16d13@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

K8FF Wayne; Please send me your e-mail address direct, off list

Thank you

73 Jim K4YBB

k4ybb@aol.com

Date: Thu, 25 Jan 2001 06:04:13 -0600
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-1@lehigh.edu
Subject: [89676] OHR-400 drift solution
Message-ID: <GGG0DBD00NPCCAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

All,

I recall that three people e-mailed me recently asking for the mods I did to eliminate drift in my OHR400. However I could only find two in my INBOX just now to send my reply to.

If you are the third person and didn't just get an e-mail reply from me, please request the information again and I will get it to you.

Thanks for the bandwidth & 73

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

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Date: Thu, 25 Jan 2001 07:17:24 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [89677] Gentlemen's What, CW Where, ARRL, Old What?
Message-ID: <20010125.071844.-80143.2.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

The NAME of the game is HAM Radio . . .

The NICHE is . . .
Low Power (QRP) Two Way Communication Discussed Here

MODE is your / my CHOICE

ARRL is an OPTION

OOTC (42+)

FOOFTA

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 25 Jan 2001 07:46:02 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [89678] Balloons for antenna support
Message-ID: <20010125.064215.4671.0.N5IB@juno.com>

I sent this privately in reply yesterday, but there seems to be a modest interest so here's a repeat.....

Air has a density of about 1.2 kg per cubic meter, helium's density is

just 0.16 kg per cubic meter. The difference is 1.04 kg per cubic meter. So each cubic meter of helium has a lifting power of about 1 kg (about 2.2 pounds)

A cubic meter is a bit more than a cubic yard so you can figure about 2 pounds lift per cubic yard of helium. Or, about 1 oz of lift per cubic foot of helium. This includes the weight of the balloon fabric as well as everything tied to it. A birthday balloon usually has something less than a cubic foot of volume - a 12 inch spherical balloon would be only be about a half cubic foot. I have lifted the center of a #22 wire 40 m inverted vee, along with 20 ft of RG-174 feedline, with a fewer than ten - very fully inflated :^) - birthday type balloons. An adventure on a breezy day :^) Once I had a couple of the 3 foot balloons and one was all it took.

I really want to try a 5/8 wave vertical on 40 m some day...

72

Jim N5IB

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 25 Jan 2001 06:06:42 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Bob Nielsen <nielsen@oz.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [89679] Re: Smith Charts

Message-ID: <Pine.LNX.4.31.0101250549490.892-100000@cannac.ampr.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

While measuring Sam's antenna with the wonderful MFJ device we found the device, and it's power cord became part of the antenna! So we needed to move the MFJ away from the antenna and we had some random length coax around.

I thought no problem, just calculate the electrical length and use the Smith Chart. But I have mis-placed my college big plastic Smith Chart and it's still lost. I think Nita may have pitched it...

So instead we used the MFJ device to tune a jumper put on the

normal antenna feed coax that tuned it to 7.0 MHz 1/2 wave. You do this by shorting the end of the coax and finding the frequency where $j=0$. Now you can be a safe distance from the antenna.

Did an interesting set of measurements. The vertical in Jan 2001 QST has an interesting ground system that is a tripod and 3 strips of aluminum about 6 feet long laying on the ground.

First without the strips and just the tripod the feed point impedance was $355 + j3$ at resonance. Added one strip and it went to $53 + j3$ and with 3 strips it was $26 + j2$. Theory says a 1/4 vertical should have a feed impedance of $35 + j0$ at resonance. Why it's 26 is a mystery, but the antenna is a top loaded shorty so that may be why.

The thing really works pretty good!

On Wed, 24 Jan 2001, Bob Nielsen wrote:

> The book is "Electronic Applications of the Smith Chart". I had a copy
> in the mid-1960's but lent it to my brother-in-law and never got around
> to asking him to return it. The ARRL carries the second edition
> (1995) for \$59, published by Noble: <http://www.arrl.org/catalog>, under
> Antennas/Transmission Lines.
>
> Bob, N7XY
>
> On Wed, Jan 24, 2001 at 05:48:43PM -0600, Stuart Rohre wrote:
> > George and the group,
> > Now I have to put my memory cap on, :-) The Smith Chart book was either
> > advertised in the back of Microwave Journal, RF Design, or maybe even in one
> > of the big four ham magazines: CQ, QST, 73, and World Radio. I know I have
> > seen it within the last year. Noble Publishing Co. is one who picked up
> > Sevick's book from ARRL for awhile, and maybe they did the Smith book. I
> > think it is simply: "The Smith Chart" by Phillip Smith. I will look around
> > the home shack/books collection. On the other hand, likely Noble Publishing
> > has a web site. There is another RF publishing co. that escapes my memory
> > now, but it might also have been the one. As I recall, it was not a large
> > ad, one of those back of the magazine professional cards size ones.
> >
> > Another clue, if ARRL is not publishing Caron's book now, as I think is
> > true, wish I had looked inside the one at Barnes and Noble today to see who
> > publishes it now, maybe they also do the Smith book.
> >
> > If anyone on the list has access to their RF trade magazines I am not at
> > home where I keep a few, :-)
> > Trying to keep up with 24 publications things do go by in a speed reading

> > blur!
> > 73,
> > Stuart K5KVH
> >
>
> --
> Bob Nielsen, N7XY nielsen@oz.net
> Bainbridge Island, WA http://www.oz.net/~nielsen
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 25 Jan 2001 06:11:05 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: John Wagner <john@neknetwork.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89680] Re: FOX: Go git' Ron!
Message-ID: <Pine.LNX.4.31.0101250608450.892-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I wonder if W5YR has a power meter with a sticky needle in the meter. He is always strong in NM too...:-) But your right John, Texas has no hills and the rf just rolls over Texas like a tumble weed.

On Wed, 24 Jan 2001, John Wagner wrote:

> Gang,
>
> Ron is doing a bang-up job as the Cub Fox tonight. I hear lots of
> familiar calls, including W5YR George down in TX - he was a good 599+
> here in VT. I'm telling you guys, there is a big massive RF reflector
> down there!!!
>
> Go get a pelt!
>
> 73,
>
> John, KB1ENS
> --

> John Wagner - john@neknetwork.com
> Web page: http://www.neknetwork.com
> Personal Web page: http://www.together.net/~jwag
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 25 Jan 2001 08:19:05 -0500 (EST)
From: "John L. Sielke" <w2agn@pobox.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89681] RE: Fun???
Message-ID: <XFMail.010125081905.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Zingo! We have a new officer in the "Thought Police" appear, with HIS definition of what the list was created for. Just knew one of these would pop out of the woodwork. After all, discussion of Fox hunts, 30M, etc, obviously has NOTHING to do with QRP. Only "I just worked East Slobbovia with 100mw to a wet string, slung over my rosebushes, using a HB transceiver with 2 transistors and a galena crystal receiver" qualifies.

AH, but is that REAL QRP?

W2AGN (The Devil's Advocate)

On 25-Jan-01 Benedict B. Cruise wrote:

> I have just finished reviewing 204 postings in the last 24 hours. This
> drivell about 30 meters, ARRL cw stand etc will kill this list faster
> than
> anything. I think the old saying "if you don't have anything good to
> say,
> say nothing" still applies. Let's stick to the topic that this list
> created
> for. QRP, building, etc.
>
>
>

>

Date: Thu, 25 Jan 2001 07:11:56 -0600
From: Richard Matthews <prm@hiwaay.net>
To: w6ors@juno.com, qrp-l@lehigh.edu
Subject: [89682] OP:QRP converts
Message-ID: <3.0.1.32.20010125071156.00cc4b10@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 22:19 1/24/01 -1000, you wrote:

>

>1-24-01

>Hello out there.

>Have a possible convert to QRP! He wants a MFJ-9406X and asked if I'd

>post his request here on QRP-L. Please reply direct to w6ors@juno.com.

>tnx es 72/73,

> Corky W6ORS

.....

Just about every non-QRP OP I QSO with on QRP PSK shows great interest in getting into QRP. Just last night on 80 meters after contacting an Oklahoma ham using my 3 watt NJQRP club/Dave Benson Warbler, the OP on the other end wanted to drop his 30 watts and see just how low he could go. At 5 watts on his end I couldn't tell a whole lot of difference in the copy. He had to know about the Warbler and then we got into how great Small Wonder Labs QRP equipment is I think he will be placing an order today.

I was a bit amazed with the contact myself. There were no other PSK signals visible on the band and I was having an almost 100 % copy contact from eastern Alabama to western Oklahoma on 80 meters with less than 3 watts and a piece-of-junk antenna.

QRP converts are really easy to come by after they see how much fun we are having running our peanut whistles.

73,

Richard WA4NWW

Date: Thu, 25 Jan 2001 07:35:29 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>

Subject: [89683] Harbor Freight Punch request
Message-ID: <Pine.LNX.3.95.1010125072515.28491A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Having looked high and low for a Harbor Freight punch north of the border, all I've come up with are punches for autobody work at over \$100.00 each and if one wants more than one size, you have to buy another punch for that size....

...I went on-line to the HF web site to order a punch but found out they don't ship outside the U.S.A.....

...so I am asking if someone has the time, desire and would want to go to the trouble of getting me a Harbor Freight punch and ship it to me...I will of course, send you a money order in US funds for the punch plus shipping, etc....I've tried different ways of cutting the pads for my ugly construction 2N2222 project but I think the punch is the way to go eh...
....please reply direct....

...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

Date: Thu, 25 Jan 2001 08:43:12 -0500
From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
To: QRP News group <qrp-l@Lehigh.EDU>
Cc: "Wilford D. Lindsey" <70511.3041@compuserve.com>, "Doyle, Ron (Home)" <n8var@arrl.net>
Subject: [89684] Cub Fox log for Wednesday, Jan. 24
Message-ID: <51643DBAD36BD411851300E029265867023209DC@SUSDAYTE53>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Well, that was a real hoot. I recognized a lot of calls, some that I haven't heard for awhile. I would like to think that this log reads like the who's who in QRP.

Things got off to a great start and I was pulling in calls like crazy. I noticed though that when I tried to us RIT to tune the hounds in that it wasn't working. Then I noticed I was using Transmit offset not Receive offset.:(I tried to fix that and switch but I think I got mixed up and swapped call and receive freqs. Seemed to cause a bit of a delay but everyone seemed to catch on pretty quick and we were off and running again.

For the most part everyone seemed to be very well behaved and I was doing my best to send my exchange as soon as I copied a call. There were a number of calls that would be coming in clear enough to copy but I chose to focus on one and keep it simple hoping the quicker turnaround would work better.

This was a record setting night for me. Usually I get about 25 to 30 contacts in the 2 hours and I managed to break 50 with states from all over. I haven't taken the time yet to analyze the locations but it looks like I was getting close in at the start then getting further west as time went on.

There were some entries that I didn't write down correctly. I'm not the judge on this but I see this activity as a fun thing and don't want to get real serious about picking nits. I want you on the air! Let me know if I need to make corrections.

72 to all and Tnx for a very fun eve.

de N8VAR, Cub Fox for Hunt #29

UTC	Call	RST	ST	Name	Pwr	
2:01	K0EVZ		569	ND	Doc	2w
2:02	W0CH	579	MO	Dave	5w	
2:05	AC5JH		559	OK	Tom	2w
2:06	AB8DF		579	MI	Ed	5w
2:08	N1TP	579	FL	Tom	5w	
2:10	VE3FAL		579	ONT	Fred	5w
2:11	N2CQ	579	NJ	Ken	5w	
2:13	W9WIS		559	WI	Mike	5w
2:14	KC1FB		559	CT	Jim	5w
2:17	kb3eof		559	MD	Murphy	3w
2:12	K3EJD		559	PA	Tom	5w ??
2:21	K4BYF		559	FL	Jack	5w
2:24	KB9BVN		339	IN	Brian	5w
2:27	N4VM	559	TN	Bryn	5w	
2:22	AF4PS		559	FL	Mac	5w
2:31	KK5LD		559	TX	Dan	5w
2:33	K9IUA		449	ND	Kevin	5w
2:35	WB8ICN		589	MI	Mike	5w
2:32	N1ODL		559	NH	Aron	4w
2:42	KV4EE		559	SC	Craig	5w
2:43	AJ4AY		579	AL	Jay	5w
2:45	WA9PWP		589	WI	Paul	5w
2:47	AE4IC		559	NC	Bob	5w
2:42	W3FPR		579	NC	Don	5w
2:51	N4ROA		559	VA	Dan	4w
2:53	W1HUE		559	ID	Larry	5w
2:55	K5DI	579	NM	Karl	5w	
2:58	AA7TQ		559	AZ	Dave	5w

3:00	N04D 559	SC	Ken	5w	
3:02	N4JIU	559	Tx	Bruce	5w
3:04	W5YR 559	Tx	George	5w	
3:05	KB1ENS	559	VT	John	5w
3:07	W3PNL	559	PA	Joe	3w
3:08	KU4TN	559	VA	James	1w
3:10	K5PSH	559	TX	Jerry	5w
3:12	KB5XQ	559	AR	Bill	5w
3:18	WE6WIA	539		Ed	5w ???
3:19	N0KLV	559	MN	Kevin	5w
3:21	KC0GXX	559	NE	Tom	4w
3:23	N4S0 599	AL	Ken	5w	
3:25	N5IB 549	LA	Jim	5w	
3:27	KJ0C 599	MO	Jim	5w	
3:28	K5OI 559	NM	Tim	5w	
3:31	KI0II	579	CO	Ron	5w
3:33	AA7XA	449	OR	Frank	5w
3:36	K4FB 559	FL	Paul	5w	
3:43	WA7TQK	559	ID	Willie	5w
3:47	W6ABC	549	CA	Jack	5w Name?
3:51	KD5JAM	599	TX	Lee	5w
3:53	NM5M 559	TX	Erec	5w	
4:00	N8VAR		OH	Ron	5w

Ronald Doyle
N8VAR@arrl.net

Date: Thu, 25 Jan 2001 08:40:24 -0500
 From: preacher102677@juno.com
 To: qrp-1@Lehigh.EDU
 Subject: [89685] ATTN: Dave Benson (NN1G) or his Fans
 Message-ID: <20010125.084039.-95525.2.preacher102677@juno.com>
 MIME-Version: 1.0
 Content-Type: text/plain
 Content-Transfer-Encoding: 7bit

Hey,

Are the 40-40 and 30-40 kits still available? I'm most interested in the 30-40. Even if only partial kits are available, I'd use those too.

LIC,

G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
 Photographer, Philosopher, Preacher, Pirate, Poet.
 DE KG4GVL Clear.

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 25 Jan 2001 08:49:11 -0500

From: "Lau, Zack, W1VT" <zlau@arrl.org>

To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>

Subject: [89686] Re: Anodizing Aluminum

Message-ID: <125490A005E3D3118C9C00805FC743CC016B9C77@KAHLESS>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Enco has 5052-H32 aluminum sheets

.032x12x24 inches, about 1 pound, is \$4.55

They have thicker sheets, .05, .08, and .125,
as well as sheets twice or half size. Cheapest
place I've found where you can call them up
and have them ship useful sizes of metal
sheet via UPS in good condition. Big sheets
are a hassle--a pain to cut into small sizes and
more often than not, they get scratched or bent
during transit, making that low price much less
of a bargain.

1-800-USE-ENCO

1-800-873-3626

www.use-enco.com

73--Zack W1VT FN31pq

Date: Thu, 25 Jan 2001 09:01:29 -0500

From: Kenneth Hoglund <hoglund@wfu.edu>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [89687] Cubs, Code, and RF Reflectors

Message-ID: <3A7031B9.7A032C75@wfu.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Clearly I'm doing something wrong!

Monday nights are usually hectic around the house, and last Mon didn't get on to work the Cub till 2:50 utc, just after the band dropped out (see AF4PS's log). Last night things didn't settle down 'till 2:30, so I got on the radio and heard the little Fox and hounds a'baying. Great--I'll wait a few minutes for the crowd to clear a bit, then jump in. Went back to the radio a couple minutes later to hear the most intense buzzing--eventually discovered the XYL had turned on an appliance that I politely asked her to refrain from using for a few minutes. Back to the radio, and now there was a local qso running right over the Cub. Kept trying to pick up the close of Cub's contacts, but the louder of the other stations would usually start right up as I thought I might be nearing a chance at a shot. So, went peltless again.

This is connected. My son, 13, has some interest in the hobby. Both he and his sister, 9, had some fun on Kid's Day working SSB, and he usually likes coming with me to hamfests to look around at the "junk." Seems that every hamfest we've gone to, some "well-experienced" ham gets to chatting with us, shakes a finger, and says "Yah gotta know the CW!" It's become an in-joke around the family--the 9 year-old is especially good taking on the voice and posture of an OM and spouting the sage advice. And while it is absolutely true, it has not been an incentive to either kid to get into the hobby.

What my son is fascinated by is the Cub hunt. He always wants to know where the Cub is located, and the next am wants to know if I was successful in catching the critter. When we can get the radio on before he's asleep, I let him listen to the Cub calling and the hounds baying--and he thinks its neat that so many of us can connect over thousands of miles with minimal power. Want to preserve code? Use it for fun and games, and share the enjoyment with others when the occasion permits.

Oh, and I believe in that Texas RF reflector. Except for the "sponge" effect, I always hear those "TX's" (and a few OK's that must be near the border) in the pack. Think W can put one up for the rest of us?

73

Ken KG4FGC

Date: Thu, 25 Jan 2001 09:23:14 -0500
From: Chuck Ludinsky <cjl@mitre.org>

To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [89688] NEQRP CW Net, Thurs, 25 Jan 01, 9:00PM EST, 3.561MHz
Message-ID: <3A7036D2.3D24ACB0@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net meets again tonight, Thursday, 25 Jan 01, at 9:00 PM EST (0200Z, 26 Jan). The 80M net will meet on or around 3.561 MHz. Net control op will be Chuck, K1CL.

Please note that all subsequent NEQRP nets will meet on 80M. The skip on 40M has made local communications in the Northeast difficult, so we've decided to drop 40M from the current schedule, which alternates between 80M and 40M on consecutive weeks. Henceforth, all nets will be 80M.

Last week's net on 80M included:

AB8DF	Ed	Waterford, MI
W1CFI	Paul	Falmouth, MA
K1CWZ	Spi	Nashua, NH
N1EI	Charlie	Mansfield Center, CT
WA1JXR	Greg	Lancaster, MA
W1PID	Jim	Sanbornton, NH
WB1HBE	John	Chelmsford, MA
K1CL	Chuck	Chelmsford, MA (net op)

Conditions were excellent, with all signals in the 589-599 range. Even Ed, AB8DF, was booming into the Northeast with a 589. Overall, a good net. Thanks to all who participated.

72 DE K1CL,
Chuck.

Date: Thu, 25 Jan 2001 09:09:07 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [89689] K2 knob stock?
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9C78@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

<http://www.cutmetals.com/>

I'm thinking of ordering some brass round to make a spinner knob for my K2--this place looks like a good source of short lengths already cut to size with a bandsaw.

Zack W1VT

Date: Thu, 25 Jan 2001 08:15:51 -0600
From: Bcieslak@ra.rockwell.com
To: qrp-l@Lehigh.EDU
Subject: [89690] Novice WAS
Message-ID: <0FFFFB80ABE.6FB0DD14-0N862569DF.004E1D64@ra.rockwell.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Does anyone in the group have an electronic file of the old WAS map we used to color in as we worked states. I can't seem to locate it on the League's site. They have a more hi tech one that is all colored in.

Brian AE9K

Date: Thu, 25 Jan 2001 09:17:50 -0500
From: "Ron McConnell" <rcmcc@lucent.com>
To: "'QRP-L'" <qrp-l@lehigh.edu>, "'Rick-WB2Q0Q Anderson'" <wb2qoq@lucent.com>, <njqrp@njqrp.org>
Subject: [89691] Cool Word: ham-fisted
Message-ID: <000a01c086d9\$d841f3c0\$0429ff87@nj7460rcmcc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"Ham-fisted" could have a different meaning for amateur radio CW types from those given below in the "Cool Word" note. :-)

73,
Ron McConnell
w2iol@arrl.net

The Learning Kingdom's Cool Word of the Day
for January 25, 2001

ham-fisted [adj. HAM-fist-ed]

Ham-fisted means clumsy or inept.
Someone who does things in an
awkward or unskilled manner,
especially when working with their
hands, can be described as ham-fisted.
Example: "Fiona dreaded each appointment
with her ham-fisted dentist."

Ham-fisted is chiefly used by the British, Australians, and
Canadians. Graceless
Americans are called ham-handed.
The origins of ham-fisted and ham-handed
are unclear. Both date from the early 1900s.

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The Learning Kingdom, Inc.
<http://www.LearningKingdom.com>

Date: Thu, 25 Jan 2001 09:15:51 -0500
From: "Ron McConnell" <rcmcc@lucent.com>
To: "'Rick-WB2Q0Q Anderson'" <wb2qoq@lucent.com>, "'QRP-L'" <qrp-l@lehigh.edu>,
<njqrp@njqrp.org>
Subject: [89692] The Vail Code, PBS TV show upcoming
Message-ID: <000901c086d9\$d6d0b080\$0429ff87@nj7460rcmcc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A couple of weeks ago,
PBS TV was in Morristown, NJ
at Historic Speedwell Village,
the Morse museum, filming a story
on how Morse's assistant Vail
made the telegraph practical

and actually developed what
we call the "Morse Code."
The code Morse planned to use
was to send a series of bits for
each number and then look up
the words in a codebook.
It was a case of the older boss
getting the credit for what
the young assistant actually did.
It was actually in their contract.

The video is scheduled to show in May 2001.

See also WZ8C's column in Worldradio,
Feb 2001 on the "Vail Code."

The first that I had heard about this
was during the 150th Anniversary
of the Telegraph events in 1987.
WB2QOQ wrote a nice meaty article
with info supplied by Speedwell.
Vail's great-grandson attended.
S. F. B. Morse III, Morse's
grandson (with no great-)
fell ill at the last minute and
called into the banquet from California.
SFBM III was a code speed champion
in both American and Continental codes.

73,

Ron McConnell
w2iol@arrl.net

Date: Thu, 25 Jan 2001 06:22:04 -0800 (PST)
From: John Birkett <jbirk44@yahoo.com>
To: at902@tcnet.org, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [89693] Re: Novice WAS
Message-ID: <20010125142204.48389.qmail@web10010.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

ARRL contest calendar
(<http://www.arrl.org/contests/months/feb.html>) lists
the Novice Roundup as being a FISTS sponsored event
Feb 12-13. But I can't find any mention of it on the

FISTS website.

John Birkett

```
--- KENNETH ROBERT MCGUIRE <at902@tcnet.org> wrote:
> On Wed, 24 Jan 2001, Dave Sjolín wrote:
>
> > Tom K wrote:
> > >
> > > Did they resurrect the Round-Up? That was
> discontinued some years back,
> > > and I really enjoyed it too!
> >
> > Tom, I think FISTS runs it now the ARRL no longer
> does. Check QST
> > contest corral but I think its in February.
>
> Yes it was in February, but I'm pretty sure that
> FISTS is not doing it any
> more, now that the Novice class is no more. I'm
> pretty sure FISTS
> replaced it with a FISTS qsl party (now there are 4
> a year...)
>
> Ken McGuire
> KC8LTL in EN74cp
> at902@tcnet.org
>
```

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<http://auctions.yahoo.com/>

Date: Thu, 25 Jan 2001 09:39:27 -0500
From: George Reeves <greeves@emory.edu>
To: qrp-l@lehigh.edu
Subject: [89694] 30m Help!
Message-ID: <3A703A9F.44B03FEC@emory.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've been reading the QRP-L list for the past week, so I'm a newbie.
I'm getting back into Ham Radio after an absence of about 25 years and

would like to get on 30m with a QRP rig. I haven't decided which rig to build but that's no problem; I can solve that.

I need some suggestions about test equipment for measuring antennas and coax line. Back in my earlier years we used a grid-dip oscillator. But today what is the best piece of equipment to measure the resonant frequency of a dipole? and to determine the electrical length of a piece of coax? If you have suggestions as to what to buy / build I would appreciate your suggestions. I'm looking to put up a simple though efficient antenna, so if you have suggestions other than a dipole, let me hear about those also.

Thanks.

George Reeves
WA4TNU
Decatur, Georgia

Date: Thu, 25 Jan 2001 06:46:17 -0800 (PST)
From: Jim Cluett <w1pid@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [89695] Re: Antenna Restricted: Balloon Hung.
Message-ID: <20010125144617.8456.qmail@web11602.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Having seen a number of balloon posts...

For the last two years, I've used a balloon hung antenna for field day. I use the 3 foot weather balloon from Edmund Scientific. I put up a hundred feet of number 24 stranded and insulated wire. It's a piece of cake. I run a hundred feet of wire along the ground for a counterpoise. I tune the whole thing as if I were tuning a random length long wire. It's a killer antenna. Works everything I can hear. All bands... no problem. And it adds a little spark to field day. Last year I put a blinking LED at the balloon for fun at night. It isn't hard. It works well, adds a sense of adventure. Jim W1PID

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<http://auctions.yahoo.com/>

Date: Thu, 25 Jan 2001 07:56:23 -0700

From: "Zoerb, Ron" <Zoerb.Ron@broadband.att.com>

To: "'QRP-l Messages'" <qrp-l@lehigh.EDU>

Subject: [89696] FOX: #29 Yes, Tonight! (1/25/2001 @ 9 PM EST)

Message-ID: <5899595F9867D311BC0A00805F57884D01FB60F8@copland.tci.com>

MIME-Version: 1.0

Content-Type: text/plain

Thanks Brian,

I knew when it was but didn't communicate it very well.

Last night you had N8VAR, Ron as the Cub Fox who did a bang up job and tonight it is KI0II, Ron.

Catch us if you can.

GL Ron ki0ii

Date: Thu, 25 Jan 2001 09:00:51 -0600

From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>

To: qrp-l@Lehigh.EDU

Subject: [89697] Re: Gentlemen's Agreement

Message-ID: <3A703FA3.FBB4818F@arrl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Doug, the FCC doesn't specify ANY of the gentlemen's agreements. So are you saying you also don't think we should honor the digital subbands, or the DX windows, or that non-QRP ops shouldn't respect the QRP calling frequencies? ALL of those are merely gentlemen's agreements. They exist because the ARRL, or other organizations, have promoted and agreed upon them. None have the force of law or any special FCC backing. They are created by consensus, and continue to exist because most of us are willing to honor that consensus even if we personally might prefer not to.

So if we ignore this one (no 30 m. contests) what right would we have

to complain about the International QRO Club if they decided to schedule their weekly net on 7.040 or 14.060? We give our own parts of the agreement equal validity when we honor those that are promoted by others.

In an indirect way, the FCC does back these agreements. They could (and I believe in some proceedings have done so) interpret willful violation of the agreements as deliberate and harmful interference with amateur operations of other stations. This is very subjective and rarely used, but I don't think you'll find anything where the FCC has gone the other way and said no one has to respect the agreements. The most obvious area where regulation and agreement brush shoulders is repeater coordination, where the FCC leaves the decisions to "the amateur community" but does expect everyone to abide by those decisions.

I didn't make up the rules about saying "please" or "thank you" either. They don't have the force of law. So should I just stop being polite? I am having trouble following your reasoning. A lot of the oil that keeps society working more or less smoothly is built upon these unwritten, non-binding agreements.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Thu, 25 Jan 2001 10:56 +0000
From: fflynn@adelphia.net
To: w1moo@egroups.com
Cc: qrp-l@lehigh.edu
Subject: [89698] Pixie
Message-ID: <200101251511.f0PFBR445552@nss4.cc.lehigh.edu>
Content-transfer-encoding: 8bit
Content-type: text/plain
Mime-version: 1.0

>From what I'm told, a few stations tried to call me last night but I didn't hear them. The reason is that the pixie is direct conversion and the same crystal osc is used for receive and transmit, so if you were on my transmit frequency, I wouldn't hear you. If anyone wants to try again tonight, I'll have it running. Try to call me off my transmit frequency by somewhere between 500 to 1khz, either up or down, it won't matter since it's direct conversion.

I'll be on calling CQ between 8 and 9 PM EST, 3686 khz.

Thanks

Fran KM1Z

Email sent using EmailBooth (<http://www.emailbooth.com/>)

Date: Thu, 25 Jan 2001 10:31:20 -0500
From: "Larry Spinner" <n2icz@hotmail.com>
To: <baltimoremd@baltimoremd.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [89699] Re: 30 meters Foxhunt ok?
Message-ID: <0E24QikXfGYYbLRiq900001321@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Since I was the one who started this thread, I'll officially end it as of now... I was simply "green lighting" (as we say in business), NOT trying to alter the course of Ham Radio!! I'll leave that for the other anal retentives here...

30 meters! No contests... Just casual QSOs...and the occasional net...
End of story... Jeez...

73,

Larry-N2ICZ

----- Original Message -----
From: <baltimoremd@baltimoremd.com>
To: "Larry Spinner" <n2icz@hotmail.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, January 23, 2001 7:27 PM
Subject: Re: 30 meters Foxhunt ok?

> On Tue, 23 Jan 2001, Larry Spinner wrote:
>
> > Would a 30 meter Foxhunt be considered a contest?
>
> Folks who aren't into contests and love 30 meters because you can rag chew
> most any time certainly might view a foxhunt as a contest.

From: "Don Wilhelm" <w3fpr@arrl.net>
To: <greeves@emory.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [89701] Re: 30m Help!
Message-ID: <007801c086e4\$475cbf60\$c0b8183f@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

George,

If you are just putting up a dipole cut for a single band, you likely need nothing more than an SWR meter to prune it to resonance. Cut it to formula - add a bit of extra length and start shortening it a bit at a time.

For more elaborate antenna work, an impedance bridge is really helpful. The MFJ259 is great for most ham work, It is just not a lab quality instrument in terms of accuracy, but a very useful and versatile tool.

There are occasions when a grid dip meter would be handy, such as checking the resonance of a tuned circuit, but they are hard to find at ham prices.

You can build a grid dip adapter for the MFJ259 that works better than any GDO I have used (that includes the Millen GDO) - one coil, one capacitor and 2 resistors, and it covers the entire frequency range of the MFJ259. The original article was "An Accurate Dip Meter Using the MFJ-249 SWR Analyzer" by David M. Barton AF6S, QST November 1993 page 45. The design has also appeared in several recent ARRL handbooks.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page:

<http://www.w3fpr.webprovider.com>

QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----

From: "George Reeves" <greeves@emory.edu>

>

> I need some suggestions about test equipment for measuring antennas and
> coax line. Back in my earlier years we used a grid-dip oscillator. But
> today what is the best piece of equipment to measure the resonant
> frequency of a dipole? and to determine the electrical length of a piece
> of coax? If you have suggestions as to what to buy / build I would
> appreciate your suggestions. I'm looking to put up a simple though
> efficient antenna, so if you have suggestions other than a dipole, let
> me hear about those also.

>

>

Date: Thu, 25 Jan 2001 10:36:59 EST
From: Macstein@aol.com
To: hoglund@wfu.edu, fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [89702] Re: Cubs, Code, and RF Reflectors
Message-ID: <87.605e289.27a1a21b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Ken,

Next time... God and propagation willing, I WILL hear you! Also, if you want to let your son nab me, just act as control op and let him try! I would LOVE to do this, and would send him a fancy certificate honoring his contact. We could sked a practice even. You just name the day, and I will do my very best.

-MAC-
AF4PS
Odessa, FL

Date: Thu, 25 Jan 2001 10:40:09 -0500
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [89703] [CONTEST] N2CQ QRP Contest Calendar - Jan 26/Feb 18
Message-ID: <3.0.6.32.20010125104009.00858e30@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Contesters,

Please send your sprint or contest info to: N2CQ@ARRL.NET
We will include it in the calendar.

~~~~~  
N2CQ QRP CONTEST CALENDAR

JAN 26 - Feb 18, 2001  
~~~~~

QRP-L Foxhunt

Foxhunt: Every Tuesday And Thursday
Details: <http://www.cqc.org/fox>

Cub Foxhunt: Every Monday and Wednesday
Details: <http://www.qsl.net/k5DI/fox/>

Fox appears: 9pm EST, 8PM CST, 7PM MST and 6PM PST.

~~~~~  
FPQRP-L Truffle Hunt

Flying Pigs Truffle Hunt: 30 minutes before the Foxhunt.  
Details: [http://www.fpqrp.com/pig\\_hunt.htm](http://www.fpqrp.com/pig_hunt.htm)

~~~~~  
CQ WW 160-Meter DX Contest (CW) ... QRP Category

Jan 26 - 2200z to Jan 28 - 1600z

Rules: <http://www.cq-amateur-radio.com/160rules01.html>

"QRP is a real test 160 meters. Try it."

~~~~~  
REF French Contest (CW)

Jan 27 - 0600z to Jan 28 - 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

"Some rare French DX may operate here"

~~~~~  
UBA DX Contest (Belgian) (SSB) ... QRP Category

Jan 27 - 1300z to Jan 28 1300z

Rules: <http://home.online.no/~jana1me/rules/uba.txt>

"Very good QRP entry. Work anyone"

Kansas QSO Party (All) (HF/VHF)

Date Jan 27 - 1800z to Jan 28 - 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

"Non-QRP but you could win anyway."

~~~~~

New Hampshire QSO Party (All) ... QRP Category

Feb 3 - 0000z to Feb 4 - 2400z

Rules: [http://www.nhara.nhradio.org/qso\\_index.html](http://www.nhara.nhradio.org/qso_index.html)

"Work NH Counties. Free software available"

~~~~~

Vermont QSO Party (All)

Feb 3 - 0000z to Feb 4 - 2400z

Rules: <http://www.ranv.together.com/vtqso.html>

"Work Vermont Counties"

~~~~~

10-10 Int. Winter QSO Party (SSB - Ten Meters) ... QRP Category

Feb 3 - 0001z to Feb 4 - 2400z

Rules: <http://listserv.lehigh.edu/lists/tenten-1/rules.html>

"Meet 10-10 members around the world"

~~~~~

FBYO Winter QRP Field Day (CW/SSB) ... QRP Contest!

Feb 3 - 1400z to Feb 4 - 0200z

Rules: <http://www.extremezone.com/~nk7m/fybo01.htm>

"SAFETY FIRST! PLEASE RESPECT THE WX AND YOUR OWN LIMITATIONS!"

~~~~~  
Minnesota QSO Party (All) ... QRP Category

Feb 3 - 1400z to 2400z

Rules: <http://www.rossiya.net/mnqsorules.htm>

"Work MN. Prizes & plaque for QRP"

~~~~~  
AGCW Straight Key QSO Party (CW 80M) ... QRP Category

Feb 3 - 1600z to 1900z

Rules: <http://www.sk3bg.se/contest/agcwskpw.htm>

"Work anyone. QRP Prizes"

~~~~~  
Delaware QSO Party (All)

Feb 3 - 1700z to Feb 4 - 0500z

Feb 4 - 1300z to Feb 6 - 0100z

Rules: <http://www.fsarc.org/qso.htm>

"Best chance to work Delaware"

~~~~~  
North American Sprint (Phone)

Feb 4 -0000z to 0400z

Rules:

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

"Intense competitions to sharpen skills"

~~~~~  
Adventure Radio Society - Spartan Sprint (CW) ... QRP Contest!

Feb 6 - 0200z to 0400z (Monday Evening in US/Canada)

Rules: [http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)

"Testing of lightweight radio gear for outdoor QRP expeditions"

~~~~~  
CQ World Wide RTTY WPX Contest

Feb 10 0000z to Feb 11 2400z

Rules: <http://www.rttyjournal.com/rules/wpx.html>

"MUCH RTTY DX"

~~~~~  
PACC Contest (CW/SSB)

Feb 10 - 1200z to Feb 11 - 1200z

Rules: <http://home.wxs.nl/~pa3ebt/pacc/foreign.htm>

"Work Dutch stations. Awards given"

~~~~~  
FISTS Winter Sprint (CW of course) ...QRP Category

Feb 10 - 1700z to 2100z

Rules: <http://www.fists.org/sprints.html>

"Work some QRP FISTS or any other US/Canada FISTS"

~~~~~  
RSGB 1.8 MHz Contest (CW)

Feb 10 - 2100z to Feb 11 - 0100z

Rules: <http://www.g4tsh.demon.co.uk/HFCC/Rules-2001/1.htm>

"A challenging band for antennas and receiving skills"

~~~~~  
North American Sprint (CW)

Feb 11 - 0000z to 0400z

Rules:

<http://www.ncjweb.com/index.php3?leftcol=contestmenu&rightcol=sprintrules1>

"Intense competitions to sharpen skills on CW"

~~~~~

QRP ARCI Fireside Sprint (SSB) ...QRP Contest!

Feb 11 - 2000z to 2400z

Rules: <http://personal.palouse.net/rfoltz/arci/firesid.htm>

"QRP SSB fan's choice"

~~~~~

Novice Roundup (CW)

Feb 12 - 0000z to Feb 13 - 2400z

Rules: <http://www.arrl.org/contests/months/feb.html>

"Work the Novices and Techs"

~~~~~

ARRL School Club Roundup (All)

Feb 12 - 1300z to Feb 16 - 0100z

Rules: <http://www.arrl.org/contests/announcements/scr.html>

"Work the school clubs"

~~~~~

ARRL International DX Contest (CW) ... QRP Category

Feb 17 - 0000z to Feb 18 - 2400z

Rules: <http://www.arrl.org/contests/announcements/intldx.html>

"Best DX so far this year"

~~~~~

72 de  
Ken Newman - N2CQ  
N2CQ@ARRL.NET

\*\*\*\* N2CQ QRP Contest Calendar \*\*\*\*  
<http://www.njqrp.org/data/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>  
<http://www.qsl.net/cqrp/contests.html>

-----

Date: Thu, 25 Jan 2001 10:48:24 -0500  
From: "Larry Spinner" <n2icz@hotmail.com>  
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [89704] Re: Antenna Restricted: Ballon Hung.  
Message-ID: <0E19PaLI9mK6PYzDabi000013c6@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Restricted environments, such as mine, are often near other people's "space" as well as the dreaded close proximity to power lines... A sudden wind forcing the balloon into a powerline could be disastrous! As Bruce indicates...good judgement should prevail...

Larry-N2ICZ

----- Original Message -----  
From: "Bruce Muscolino" <w6toy@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, January 24, 2001 10:15 AM  
Subject: Re: Antenna Restricted: Ballon Hung.

> Ade,  
>  
> One thought should dominate whenever you choose a device to hold up one  
> end of an antenna: "can this thing get away and start free flying"? A  
> balloon, unthethered, can break and fly away, where it becomes a hazard to  
> aircraft, large and small! Imagine the pilot of an aircraft meeting up  
> with several hundred feet of your antenna wire while flying. It can  
> foul up his engine enough to cause a crash! Using these things without  
> thought is simply bad judgment!  
>  
> 73  
>

-----  
Date: Thu, 25 Jan 2001 10:53:47 EST  
From: WY1W@aol.com  
To: qrp-l@lehigh.edu  
Subject: [89705] Re:%20WTB:%20%20DL%20QRP%20PA  
Message-ID: <cb.d88352e.27a1a60b@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Rick;  
I just receive the last dl pa kit from wilderness radio. I am planning on installing it into my nxew sierra. Can you provide any guidance on installation/ interface of the amp into the sierra?

tnx 73/72 H. "Butch" Bacon WY1W

-----  
Date: Thu, 25 Jan 2001 09:52:47 -0600  
From: Vance Huntsinger <vhuntsinger@iwic.net>  
To: qrp-l@Lehigh.EDU  
Subject: [89706] Antenna analyzers  
Message-ID: <4.2.0.58.20010125094458.009ea3d0@mail.iwic.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang:

I have seen many references to the MFJ-259B antenna analyzer on this reflector. What is the consensus of the group as to the merits of this analyzer, versus the Autek VA1 analyzer, other than the Autek is about \$50 cheaper? I haven't had the opportunity to play with either unit. The advertising hype leaves some confusion in this already confused mind...

TIA and 72/73,

Vance Huntsinger-WA9YDJ  
Libertyville, IL

-----  
Date: Thu, 25 Jan 2001 07:53:54 -0800  
From: "W7TRX" <w7trx@mindspring.com>  
To: "QRP Free List" <QRPFree@listbot.com>, "QRP-L Discussion" <qrp-l@Lehigh.EDU>, <FT817@egroups.com>  
Subject: [89707] 6m QRP call freq

Message-ID: <004701c086e7\$076e2440\$8b2079a5@de11>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: Jim Cummings <ve3xj@rac.ca>  
To: <FT817@egroups.com>  
Sent: Thursday, January 25, 2001 3:14 AM  
Subject: [FT817] Re: 6 meter Saturday

> Is there any harm in designating a QRP frequency on 6 metres for the  
> purposes of the exercise? Not only a QRP frequency, but would there  
> be enough interest in designating an 817 users calling frequency?

>  
<snip>  
72  
> Jim, VE3XJ

Jim,

I have seen this info at a few sites on the web.

From- <http://www.cebik.com/edu7.html> I found:

\*\*\*\*\*

When the newcomer advances past the Novice to the General level, a large world of QRP will be opened to him or her. There are QRP calling frequencies in the U.S.A. on all of the ham bands from 160 meters through 2 meters. One incentive toward advancement is for the newcomer to understand what will be opened for use. Therefore, for reference, here are the remaining US QRP calling frequencies for each band:

| Band | CW      | SSB          |
|------|---------|--------------|
| 160  | 1.810   | 1.910        |
| 80   | 3.560   | 3.985        |
| 40   | 7.040   | 7.285        |
| 30   | 10.106  |              |
| 20   | 14.060  | 14.285       |
| 17   | 18.096  |              |
| 15   | 21.060  | 21.385       |
| 12   | 24.906  |              |
| 10   | 28.060  | 28.885       |
| 6    | 50.060  | 50.885       |
| 2    | 144.060 | 144.285      |
|      |         | 144.585 (FM) |

\*\*\*\*\*

I am a big 6m fan. I've never heard anyone use 50.885 for anything, let alone QRP. Maybe the FT-817 folks can breath some life into this freq. I'll get it programmed into my 706 and monitor during band openings.

72, Tracy  
W7TRX

-----  
Date: Thu, 25 Jan 2001 08:00:24 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: v huntsinger@iwic.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [89708] Re: Antenna analyzers  
Message-ID: <3A704D98.5A8E56A1@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Vance Huntsinger wrote:

>  
> Gang:  
>  
> I have seen many references to the MFJ-259B antenna analyzer on this  
> reflector. What is the consensus of the group as to the merits of this  
> analyzer, versus the Autek VA1 analyzer, other than the Autek is about \$50  
> cheaper? I haven't had the opportunity to play with either unit. The  
> advertising hype leaves some confusion in this already confused mind...  
>

I have a VA-1 and like it a lot. The MFJ units are more user friendly  
.. but the Autek analyzers are very portable (about the volume of the  
battery pack in the MFJ).

Phil W7OX

-----  
Date: Thu, 25 Jan 2001 11:06:03 -0500  
From: "Don Wilhelm" <w3fpr@arrl.net>  
To: <ka9nzi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [89709] Re: Gentlemen's Agreement  
Message-ID: <00aa01c086e8\$cdeefc60\$c0b8183f@dbw11main>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

There is more at stake here than a Gentleman's agreement. As Steve Yates pointed out on this reflector, it is a matter of International Agreement contained in IARU Resolution 88-2 and says NO contest activity, and NO incentives such as special awards.

Since the US is an IARU member, I think this may carry the force of the law, and the FCC could step in if required.

Let's not put our 10 MHz band privileges in harms way.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page:

<http://www.w3fpr.webprovider.com>

QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----

From: "Gary Lee Phillips KA9NZI" <[ka9nzi@arrl.net](mailto:ka9nzi@arrl.net)>

> Doug, the FCC doesn't specify ANY of the gentlemen's agreements. So  
> are you saying you also don't think we should honor the digital  
> subbands, or the DX windows, or that non-QRP ops shouldn't respect  
> the QRP calling frequencies? ALL of those are merely gentlemen's  
> agreements. ...

-----  
Date: Thu, 25 Jan 2001 08:16:51 -0800  
From: Bill Jones <[kd7s@psnw.com](mailto:kd7s@psnw.com)>  
To: [ka9nzi@arrl.net](mailto:ka9nzi@arrl.net)  
Cc: Low Power Amateur Radio Discussion <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [89710] Re: Gentlemen's Agreement  
Message-ID: <[3A705173.F7C91300@psnw.com](mailto:3A705173.F7C91300@psnw.com)>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I salute Gary Lee Phillips for his eloquent and factual response to this miserable thread.

Now, could we please get on with life in the world of QRP?

Gary Lee Phillips KA9NZI wrote:

>  
> Doug, the FCC doesn't specify ANY of the gentlemen's agreements. <snip>  
--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Thu, 25 Jan 2001 10:21:33 -0600  
From: "Andrew Catanzaro" <acatan@execpc.com>  
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [89711] Re: Antenna analyzers  
Message-ID: <001001c086ea\$e2eb13e0\$8986cfa9@andy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The MFJ has nice analog meters that are easier to tune with and read.  
Don't think the MFJ shows the sign of X. You can find out the sign  
of X with the MFJ by moving the test frequency up and down and seeing which  
way X goes. I chose the Autek for its small size in the travel kit and I do  
need the sign of X.  
It's great for setting up antennas in the field and knowing what to add or  
subtract to  
make them better, but you know that.

Andy W9NJY  
Milwaukee

----- Original Message -----  
From: "Phil Wheeler" <w7ox@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, January 25, 2001 10:00 AM  
Subject: Re: Antenna analyzers

>  
>  
> Vance Huntsinger wrote:  
> >  
> > Gang:  
> >  
> > I have seen many references to the MFJ-259B antenna analyzer on this  
> > reflector. What is the consensus of the group as to the merits of this

> > analyzer, versus the Autek VA1 analyzer, other than the Autek is about \$50  
> > cheaper? I haven't had the opportunity to play with either unit. The  
> > advertising hype leaves some confusion in this already confused mind...  
> >  
>  
> I have a VA-1 and like it a lot. The MFJ units are more user friendly  
> .. but the Autek analyzers are very portable (about the volume of the  
> battery pack in the MFJ).  
>  
> Phil W7OX  
>

-----  
Date: Thu, 25 Jan 2001 11:21:57 EST  
From: Drbob92031@aol.com  
To: qrp-l@lehigh.edu  
Subject: [89712] Balloons as antenna lifters  
Message-ID: <4d.6936e65.27a1aca5@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

CAUTION: static electricity build up should be bled off in the case of high flying balloons or kites as antenna supports.  
Bob..WA2EAW

-----  
Date: Thu, 25 Jan 2001 11:18:07 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: Larry Spinner <n2icz@hotmail.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [89713] Re: Antenna Restricted: Ballon Hung.  
Message-ID: <3A7051BF.1D5ECDf1@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Larry,

Oddly enough, much of the airspace above us is also restricted use! This especially applies to almost all airspace around cities and airports, if they have an IFR tower. It actually takes a clearance to fly an airplane there! You can find out what is controlled airspace in your area by purchasing an aeronautical chart! They can be had at



airports all over and some map stores!

73

-----  
Date: Thu, 25 Jan 2001 11:26:31 -0500 (EST)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: Don Wilhelm <w3fpr@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [89714] Re: Gentlemen's Agreement  
Message-ID: <XFMail.010125112631.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Horsehockey! The IARU does NOT say no contests, or no incentives. It is the usual legal gobbledygook about "non-interference." Oh well, you saw what it REALLY said in Steve's post. If you choose to INTERPRET it as meaning no contests, no awards, whatever, that is up to you, however in error you may be, but don't try to frighten others by making it sound as if it is gospel, and the "FCC could step in." You are simply using empty threats to try to put across your own desires for the use of the band(s).

John (this kind of thing really p\*\*\*\*s me off!) W2AGN

On 25-Jan-01 Don Wilhelm wrote:

> Gang,  
> There is more at stake here than a Gentleman's agreement. As Steve  
> Yates  
> pointed out on this reflector, it is a matter of International Agreement  
> contained in IARU Resolution 88-2 and says NO contest activity, and NO  
> incentives such as special awards.  
> Since the US is an IARU member, I think this may carry the force of the  
> law,  
> and the FCC could step in if required.  
> Let's not put our 10 MHz band privileges in harms way.  
>  
> 73,  
> Don Wilhelm

-----  
Date: Thu, 25 Jan 2001 09:25:29 -0700  
From: "Mugleston, Brad" <brad.mugleston@gwl.com>

To: qrp-l <qrp-l@lehigh.edu>  
Subject: [89715] Antenna for 160  
Message-ID: <F9645092A142D3118CBD00805F15292E10D99172@eb-mail1.gwl.com>  
MIME-Version: 1.0  
Content-Type: text/plain

I have the opportunity this weekend to help string an antenna for 160M from the top of a two story building to the top of a new very large grain silo.

I need some recommendations as to configuration. First as a 160M only antenna and second as a multi band antenna.

I'm not sure what the plans are but I'd like to have more to share than skinned knuckles.

Don't think we have enough supports to do more than a sloping wire.

de KI00T, Brad

PS there is a tower on the top of the building so we will have some height to start off with.

-----  
Date: Thu, 25 Jan 2001 11:37:18 -0500 (EST)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: qrp-l@lehigh.edu  
Subject: [89716] QRPTTF 2001?  
Message-ID: <XFMail.010125113631.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Received the Winter QRPP today with all the results from the 2000 QRPTTF. Reminded me I had not seen anything on themes, etc, for this years QRPTTF. Has anything been decided?

---

-----  
| | | | <\_ > | . | / \_ > | \ | John L. Sielke w2agn@pobox.com w2agn@qsl.net  
| | | | / / | | | <\_/\ | | NJ Grid:FM29LN http://www.qsl.net/w2agn  
|\_/\_/\_/ <\_\_\_>|\_|\_|`\_\_\_\_/|\_|\_| NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86  
EX-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS  
#2781  
SOC #390, fpQRP, ARLHS, 00TC, Elecraft K2 #00023 K1 #00146

-----  
Date: Thu, 25 Jan 2001 08:44:18 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <aa5tb@arrl.net>, <qrp-1@lehigh.edu>  
Subject: [89717] The Answer to the origin of the infamous "Gentlemen's Agreement"  
Message-ID: <01c086ee\$0fcceac0\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Steve, thank you very much for your excellent posting. I have wondered for years about the origin of the "gentlemen's agreement" which actually turns out to be more than a "gentlemen's agreement". It was a decision that was reached by the IARU, of which we are a member nation, and as such, must obey and follow the rules set by the organization. Steve not only provided an answer, he provided the source for his information, which to me was invaluable. He also took the time to look it up and quote it for all of us. Steve, thanks for your efforts.

It is obvious to me now that contests are not to be done on 30 meters. NorCal was in violation of this a few years ago, albeit it was ignorant of the fact that it was against IARU policy. For that I apologize and assure you that we will not let that happen again. As I said yesterday, if it is a rule made by a government agency that has authority to make such a rule, then I will follow it. I am glad to learn that it was done by a government agency, and not the ARRL.

This list is amazing for the resources that it has and the collective knowledge. The discussion on contesting on 30 meters has been healthy and spirited. My questions have been addressed, and I now know where I stand and why. Thanks for your help, and thanks for the opportunity to have the open discussion. 72, Doug

-----  
Date: Thu, 25 Jan 2001 11:45:19 -0500 (EST)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: Don Wilhelm <w3fpr@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [89718] Apology  
Message-ID: <XFMail.010125114519.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Ok, I screwed up.

Bruce M. has brought it to my attention that I was in error in my rant, concerning the IARU agreement. Part 3 DOES say no contests. I missed it in Steve's post. So Don, sorry I blew up at you.

However, I still do not believe:

1. A foxhunt is a contest.
2. The "FCC will get you." If you have something like a foxhunt on 30M.

John W2AGN

-----  
Date: Thu, 25 Jan 2001 16:49:09  
From: "Bruce Prior" <n7rr@hotmail.com>  
To: unlisted-recipients;; (no To-header on input)  
Subject: [89719] FT-817 Aluminum Enclosure -- One More Try  
Message-ID: <F117FqTnrrXj7gC2DWp000022d1@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

The response to my earlier proposal regarding a replacement aluminum enclosure for the Yaesu FT-817 transceiver generated some positive responses, but not enough. Fourteen said "definitely yes" to the proposal to buy the replacement enclosure for \$40 plus shipping. Twelve expressed various degrees of "maybe." There are some FT-817 owners out there for whom the weight-saving difference between steel and aluminum is significant enough to spend that money, but the number is small compared to the whole group of FT-817 owners. In the process, some new ideas emerged which I think will appeal to a much larger number of operators. Provision for a larger battery pack was mentioned; I think the most useful idea was to produce an aluminum enclosure which will also accommodate the LDG Z-11 Auto Tuner or the Emtech ZM-2 manual ATU, which many FT-817 owners have purchased or are waiting to receive. The Z-11 parts kit is \$119; the kit plus enclosure is \$145; an assembled and tested unit with enclosure is \$179. All three are currently backordered according to the [www.ldgelectronics.com](http://www.ldgelectronics.com) website. The completed parts kit weighs 4.2 ounces or 119 grams. An even lighter and less expensive alternative would be an enclosure designed to accommodate the Emtech ZM-2 manual ATU, which costs \$50 postpaid, and is available for immediate shipment. See [www.emtech.steadynet.com](http://www.emtech.steadynet.com).

Here's what I propose:

- 1) I will sell professionally manufactured replacement aluminum TOP

enclosures which are not only lighter weight, but also re-center the speaker holes so they are congruent with the actual speaker. They will be painted a neutral light tone, probably the same as the Ten-Tec OMNI VI+, so that the enclosure will not absorb so much heat in the hot sun. Price for each enclosure top: \$20 plus shipping. Please respond by sending me an e-mail with one of the following in the subject line:

FT-817 Aluminum Enclosure Top: Definitely Yes  
FT-817 Aluminum Enclosure Top: Maybe  
FT-817 Aluminum Enclosure Top: Definitely No

You're also welcome to add a message, but you don't have to.  
If fifty or more respond "definitely yes," then the project is a go.  
Otherwise, I'll drop it.

2) The field remains open, then, for somebody else to design and manufacture a replacement aluminum BOTTOM enclosure, preferably one which will accommodate the LDG Z-11 Auto Tuner board or the Emtech ZM-2 manual ATU and controls and sockets, and perhaps other goodies.

Please respond by Friday, February 2nd.

72/73, Bruce Prior N7RR in Blaine, Washington  
n7rr@arrl.net

---

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-----  
Date: Thu, 25 Jan 2001 12:08:11 -0500  
From: Jim - qrp/cw <kw3u@warwick.net>  
To: B.Cruise@worldnet.att.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [89720] Re: Fun???  
Message-ID: <3A705D7B.9B2FA1BC@warwick.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Yes it really is time to put a lid on it. I've added many to my filters list in netscape as they seem to be having a personal contest on qrp-1 to see who can make the most posts in a day.

Jim kw3u

"Benedict B. Cruise" wrote:

> I have just finished reviewing 204 postings in the last 24 hours. This  
> drive1 about 30 meters, ARRL cw stand etc will kill this list faster than  
> anything. I think the old saying "if you don't have anything good to say,  
> say nothing" still applies. Let's stick to the topic that this list created  
> for. QRP, building, etc.

-----

Date: Thu, 25 Jan 2001 09:07:43 -0800 (PST)  
From: Jim Cluett <w1pid@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [89721] QRP in the classroom! Sabatoge and the unsuspecting.  
Message-ID: <20010125170743.3603.qmail@web11603.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Last evening was day one for our annual class for aspiring hams. Our head teacher always asks me to put on a demonstration of HF. In the past I've brought in SSB gear and the members of the class all get on and say hello to some good soul in Ohio or Michigan. Last evening I packed up the DSW-20, an Emtech 40 meter rig, the ZM-2 and some wire. I was pulling the tiny bundle out of my backback when Dick says "hey, you brought the big rig right?" Nope. "You're kidding, right?" He looks in the backpack. He scowls. I chuckle. "Look," I say. "It's Marconi's big anniversary. We gotta do Morse!" He looks glum. Anyway we work Ohio AND Russia and Cuba. I talk about building gear. QRP. Backpacking with radio. The wonderful history of early wireless. The class is beaming. When it's over Dick, says "That was great. They loved it." I loved it I tell him. Jim W1PID New Hampshire

-----  
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-----

Date: Thu, 25 Jan 2001 12:11:53 -0500  
From: Harris Keith E CONT CNIN <harris\_k@crane.navy.mil>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [89722] Re: Fun???

Message-ID:  
<4F76B3D4A76AD111803B00A0C9893D9C06ED8CDC@cninexchsrv05.crane.navy.mil>  
MIME-Version: 1.0  
Content-Type: text/plain

Gang,

Just a quickie, no reply expected or needed. Remember, what one persons thinks is good may not meet another's definition of good. I sure don't want the job of deciding which is which and would be very wary of anyone who does want the job.

73 de N9KH

-----  
Date: Thu, 25 Jan 2001 11:25:51 -0600  
From: Lynn M Larson <green-beret@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [89723] CW Backpacking  
Message-ID: <20010125.112557.-80843.0.green-beret@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Can everybody give me their two cents on a qrp backpacking rig? What are your thoughts on the Wilderness SST? The Small Wonder Labs SW series? And does anybody the Amp-Hours (approx.) of eight "AA" Batteries? And could you explain what exactly Amp-Hours means? Thank you, I have already learned ALot on here.

Lynn M Larson  
KC5WUG

73's

-----  
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<http://dl.www.juno.com/get/tagj>.  
-----

Date: Thu, 25 Jan 2001 09:29:27 -0800 (PST)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [89724] Re: 30 meters Foxhunt ok?

Message-ID: <20010125172927.35560.qmail@web9610.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I guess I am surprised that we seem to be coming to conclusion that a 30m foxhunt is prohibited. I suggest that a foxhunt is no different than a rare DX station showing up on the 30m band. A foxhunt is no different, except the pile-up is made up of lower power stations. In contrast, a contest uses up a lot of spectrum which a foxhunt does not. Since the fox would choose a frequency away from commercial and other amateur users at the time, i see no problem. This is no more competitive than trying to work DX, but if to stay within the spirit of the rules we could have no score-keeping or rewards. Meanwhile, I am glad that the question was raised to stay within the rules.

curt wb8yyy

-----  
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-----  
Date: Thu, 25 Jan 2001 11:36:50 -0600  
From: Michael Melland <badger@vbe.com>  
To: v huntsinger@iwic.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [89725] RE: Antenna analyzers  
Message-ID: <NEBBLKAGEKBNGELOFFCAMEMNCCAA.badger@vbe.com>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

> I have seen many references to the MFJ-259B antenna analyzer on this  
> reflector. What is the consensus of the group as to the merits of this  
> analyzer, versus the Autek VA1 analyzer, other than the Autek is  
> about \$50  
> cheaper? I haven't had the opportunity to play with either unit. The  
> advertising hype leaves some confusion in this already confused mind...

I had a MFJ-259 since 1997 and found it to be very useful. This was the non "B" version so it didn't provide quite as much information to the user as the newer one. I've used the newer "B" version and the Autek as well and



found them equally useful. That said, I'm selling my 259 because I just purchased an AEA CIA-HF (vector impedance analyzer) which is a high end graphing antenna analyzer that has advanced capabilities galore including the ability to plot and graph a swept frequency range antenna readings. Lots of features.... VERY accurate readings and can be interfaced with their antenna software to your computer (laptop or desk) to store the plots/graphs of swr/impedance, etc.... It can even make Smith Charts for you with the stored readings via the computer and you can then print everything off..... amazing !

It's not for everyone as it's expensive. Most hams probably won't ever use all its capabilities... but if you are looking at real "test instrument" quality and can part with \$400.00 + I think it's worth it. But..... most hams may be better served with the less expensive options available. Don't fall for that line from one manufacturer about other analyzers not showing "the sign of X". As stated perviously in a post finding that out isn't brain surgery. BTW all of these devices have problems if used in a strong RF field and can suffer damage. Like in proximity to a BC station....

72/73 de Mike, W9WIS

-----  
Date: Thu, 25 Jan 2001 12:46:01 -0500  
From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>  
To: <w3fpr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [89726] RE: 30m Help!  
Message-ID: <LPBBJAGIPFHKPJENAKLOOENODIAA.n1bq@wulfdn.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: Don Wilhelm  
> Sent: Thursday, January 25, 2001 10:23 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: 30m Help!

[snip]

> You can build a grid dip adapter for the MFJ259 that works  
> better than any GDO I have used (that includes the Millen  
> GDO) - one coil, one capacitor and 2 resistors, and it covers  
> the entire frequency range of the MFJ259. The original

> article was "An Accurate Dip Meter Using the MFJ-249  
> SWR Analyzer" by David M. Barton AF6S, QST November  
> 1993 page 45. The design has also appeared in several  
> recent ARRL handbooks.

MFJ also sells a set (2 to cover the whole range) of coils to turn it into a GDO for \$19.95 ... I wish I'd seen that article first, but it does do a great job.

-----  
Date: Thu, 25 Jan 2001 09:47:27 -0800 (PST)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: Bcieslak@ra.rockwell.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [89727] Re: OT Quest for elusive Novice WAS  
Message-ID: <20010125174728.38891.qmail@web9610.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Brian, fine business - i don't think i missed Novice worked all states by much ... but of course i did not have the two year restriction ... i came back into the hobby back in '89 with my continuously renewed novice ticket from '76 - and it took me a little of a year to upgrade from Novice to advanced ....

my observations - well - the novice bands are so empty. i was dismayed during sweepstakes that almost no one was there. i remember klzz's editorial lamenting the lack of poor CW on the bands being a bad sign for the health of the hobby ... enuff said.

assuming you are going with low power (75 watts input or less), and xtal control, and i'm not sure you need to stick to novice frequencies - just use the novice bands of 80, 40 and 15 meters. ok 10m is now a novice band - your choice. you can try novice band frequencies but you might be a long time waiting for someone to talk to on many days.....

best 73 - now i had been thinking about getting rid of those novice rigs collecting dust over there .... still a novice at heart though i don't miss not having a VFO or synthesized rig!

curt wb8yyy (ex- wn8yyy)

--- Bcieslak@ra.rockwell.com wrote:  
> The year 2001 mark 30 years in amatuer radio for me,  
> first licensed as a  
> high school junior as WN9IRO on Dec 7, 1971.  
>  
> To celebrate I am setting out to acheive the WAS I  
> was hunting for before  
> my 2 year novice ticket expired.. Unfortunately time  
> ran out  
> for me back then. I plan to operate under all the  
> same restricitons I was  
> under back then. This time around the sunspots will  
> hopefully be a little  
> more favorable and the fist a little steadier. I  
> will be offering a special  
> QSL commerating my operation during the 2001-2002  
> time frame. Hopefully the  
> novice bands will still be around long enough to  
> finish my quest. I also  
> plan to keep a diary that I will publish on a web  
> page somewhere. It will  
> illustrate my experiences a novice, now and then.  
> Stay tuned.  
>  
> So see you in the novice bands,  
>  
> Brian AE9K/ ex WN9IRO  
>  
>  
>

-----  
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-----  
Date: Thu, 25 Jan 2001 17:49:36 -0000  
From: "Jeff Hahn" <kr4ys@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [89728] 30 Meters  
Message-ID: <LAW2-F870eTiGXix4A200002641@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/html

<html><DIV>For those who are interested, the full text of IARU Resolution 88-2 is at</DIV>  
<DIV>&nbsp;</DIV>  
<DIV><A href="http://www.iaru.org/ac-respol.html#88-2">http://www.iaru.org/ac-respol.html#88-2</A></DIV>  
<DIV>&nbsp;</DIV>  
<P></P>Jeff Hahn, KR4YS <BR>Great Falls, VA <BR><br clear=all><hr>Get your FREE download of MSN Explorer at <a href="http://explorer.msn.com">http://explorer.msn.com</a><br></p></html>

-----  
Date: Thu, 25 Jan 2001 09:56:54 -0800  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [89729] Re: Antenna for 160  
Message-ID: <004801c086f8\$347d1d40\$7a09b73f@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Brad

You didn't mention the approximate height the antenna will be when in place. A quarter wave on 160m is around 130 feet. Any antenna that height or lower will be radiating mostly straight up, so NVIS propagation is mostly what you would see.

As you go higher in frequency, the height in wavelengths is greater, and your takeoff angle will decrease, allowing greater distance QSOs. Also, the antenna pattern will break up into lobes, with more lobes the higher the frequency. You can see this in the various antenna books.

I recommend you feed the antenna as a dipole with 450 ohm ladder line. A parallel tuner will match it easily. If you don't have a parallel tuner, then adjust the feedline length to bring a current maximum at the shack end. If the dipole is resonant, you do this with a half wave feedline (around 260 ft on 160m). Then a simple homebrew 1:1 balun will let you use the balanced line with an unbalanced tuner of any sort.

As you go higher in frequency, that current max can become a voltage max (very high Z), so be prepared to add a quarter wave of line (300 ohm works fine) to bring a current max back in the shack. Banana plugs and jack make it easy to insert such an extension. This makes for a clean and tame antenna system.

73, Bob N6WG

-----  
Date: Thu, 25 Jan 2001 12:54:04 -0500  
From: "Stephen M. King" <frastephen@home.com>  
To: <ki6ds@dph.dpol.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [89730] Re: The Answer to the origin of the infamous "Gentlemen's Agreement"  
Message-ID: <014b01c086f7\$d0e6bac0\$eb600c18@burl1.nj.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Doug et al,

From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
> As I said yesterday, if it is a  
> rule made by a government agency that has authority to make such a rule,  
> then I will follow it. I am glad to learn that it was done by a  
government  
> agency, and not the ARRL.

I could be wrong, but it is my understanding that the IARU (as opposed to the ITU) is not a governmental agency or quasi-governmental agency, but rather a federation of amateur radio national societies (the ARRL being one member). All that to say, I do not believe that IARU policy holds the weight of law.

73,  
Stephen  
KD3OG

-----  
Date: Thu, 25 Jan 2001 11:02:41 -0700  
From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
To: "QRPL (E-mail)" <qrp-1@lehigh.edu>  
Subject: [89731] Device to locate a break in a coax  
Message-ID: <87568F78ABDCD211A0AC0008C707718B029D1170@az10exm03.sat.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I saw a neat little circuit in the latest Electronic Design magazine to locate a break in a coax. The idea is that an open section of coax has a characteristic capacitance per foot, and that an audio oscillator using a

simple 555 can be built to vary its oscillation rate based upon the capacitance seen on the open section of coax. The oscillator frequency can be calibrated using known capacitor values.

Then, knowing the frequency, you can calculate the capacitance of the line. >From this C value, the length to the open can be determined by dividing this measured C by the characteristic C per foot for that line. I think one type of RG58 is about 29 pf per foot to give you a ball park range of what can be expected.

For those of you with C meters, you simply need to measure C directly.

It seems like this should be obvious, but I thought it was a neat idea.

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

-----  
Date: Thu, 25 Jan 2001 13:22:58 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>  
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [89732] Electrical shock on paddles--ideas?  
Message-ID: <200101251323\_MC2-C2FD-5947@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Gang:

On one of my rigs I detect a slight electrical shock on my paddles. There are no sparks flying around, and I have not been knocked off my operating position. But seems to me this should not be the case. Cannot tell whether this "bite" is always there, or only while keying. And I have found no relationship between the amount of power, nor the band, nor the antenna. =

Suggestions? BTW, the paddles are \*not\* hot when using an external keyer=.

72,  
--Doc/K0EVZ

-----  
Date: Thu, 25 Jan 2001 13:20:15 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>  
Subject: [89733] RE: ARRL and Morse Code??  
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16874@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"

From: Bill Coleman [mailto:aa4lr@arrl.net]

< That's true. However, it isn't for lack of trying. Didn't W5YI try to start a national organization a few years ago? I know W2NSD gave it a whirl or two at some point as well. In each case, the ARRL spent their member's dues to squelch any competition.... >

In what way? I do not recall reading anywhere how ARRL tried to "squelch competition." Can you provide any more information?

Thanks.

73,  
Ed Hare, W1RFI  
ARRL Lab

-----  
Date: Thu, 25 Jan 2001 13:33:38 -0500 (EST)  
From: <igeq100@iupui.edu>  
To: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [89734] Re: Electrical shock on paddles--ideas?  
Message-ID: <Pine.GS0.3.96.1010125132910.14387A-100000@jade.iupui.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Doc -

You may be feeling power line leakage from equipment in your shack that shares the common ground, or you may have several independent grounds (I hope not!). This may be coming through bypass capacitors on the line side of the power transformer. If you have a scope, look for a 60 Hz waveform coming from where you make contact to get shocked. (You could use an audio amplifier (capacitor coupled) and listen for the characteristic hum. If the shock came from a DC source (unlikely), then I would do some troubleshooting on the rig itself.

Hope this helps.

72/73,  
Richard Meiss, WB9LPU

On Thu, 25 Jan 2001, Wilford D. Lindsey wrote:

> Gang:  
>  
> On one of my rigs I detect a slight electrical shock on my paddles. There  
> are no sparks flying around, and I have not been knocked off my operating  
> position. But seems to me this should not be the case. Cannot tell  
> whether this "bite" is always there, or only while keying. And I have  
> found no relationship between the amount of power, nor the band, nor the  
> antenna.  
>  
> Suggestions? BTW, the paddles are \*not\* hot when using an external keyer.  
>  
> 72,  
> --Doc/K0EVZ  
>  
>

-----  
Date: Thu, 25 Jan 2001 10:43:36 -0800 (PST)  
From: Jeff <fantbb@yahoo.com>  
To: qrp qrp <qrp-1@lehigh.edu>  
Subject: [89735] RE: ARRL and Morse Code??  
Message-ID: <20010125184336.64327.qmail@web10005.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- "Hare,Ed, W1RFI" <w1rfi@arrl.org> wrote:  
> From: Bill Coleman [mailto:aa4lr@arrl.net]  
>  
> < That's true. However, it isn't for lack of trying. Didn't W5YI try  
> to  
> start a national organization a few years ago? I know W2NSD gave it a  
>  
> whirl or two at some point as well. In each case, the ARRL spent  
> their  
> member's dues to squelch any competition.... >  
>



> In what way? I do not recall reading anywhere how ARRL tried to  
> "squelch  
> competition." Can you provide any more information?

Maybe we should ask 73's Wayne Green? I mean after the ARRL single handedly destroyed the US electronic industry in the 60's they had to find a new target. I'm sure Wayne would know. 8-)

73!

Jeff

=====

AB6MB

Stop censorship on mailing lists!

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798

-----  
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-----  
Date: Thu, 25 Jan 2001 13:43:11 -0500

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [89736] RE: League's stand on CW

Message-ID: <125490A005E3D3118C9C00805FC743CC01C16876@KAHLESS>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

<Just because we have The League to defend the faith and frequencies  
doesn't mean we can't question or criticize their positions and methods.>

I agree wholeheartedly. I wish more hams would offer input to their ARRL  
Division Director about what they think the League is doing well, doing  
poorly or should be done differently. The ARRL Board serves as volunteers  
and some go to as many as 25 hamfests a year. They do so because they want  
to hear from you.

See <http://www.arrl.org/divisions> and make your views known.

73,

Ed Hare, W1RFI

-----Original Message-----

On Tue, 23 Jan 2001, James Parsons wrote:

There is a concept of Loyal Opposition.

|                                                                         |                                                       |
|-------------------------------------------------------------------------|-------------------------------------------------------|
| <a href="http://www.baltimoremd.com/">http://www.baltimoremd.com/</a>   | Baltimore's Home Page                                 |
| <a href="http://www.baltimorehon.com/">http://www.baltimorehon.com/</a> | Home of the Baltimore Lexicon                         |
| <a href="http://www.zerobeat.net">http://www.zerobeat.net</a>           | Home of The QRP Web Ring<br>and Drake Mail List Pages |

If you are talking about the all-color QST, the printing industry has

changed to the point where the incremental printing costs to go full color were reasonable. It is expected that going to full color will boost membership some and boost magazine-rack sales a bit more. IMHO, that is a good thing, reaching ham radio out to more potential hams.

73,  
Ed Hare, W1RFI  
ARRL Lab

-----Original Message-----

From: B. J. "Tony" Martin [mailto:w4foa@voy.net]  
Sent: Tuesday, January 23, 2001 7:47 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: [CW] League's stand on CW

That's a lot of money for a monthly color catalog.  
Tony, W4FOA

K2UD@aol.com wrote:

> Did you hear what the League did recently? They:  
>  
> 1.) Voted to increase dues  
>  
> 2.) Agreed that CW will likely not be an international requirement at the  
> next WARC, so why vote for it? OK for the states though.  
>  
> 3.) Hired a bunch of folks for various positions to strengthen amateur  
> radio's position (see #1 above).  
>  
> Guess what will be next? See #2 for a clue, and have the Vaseline ready.  
>  
> 73/72 all  
>  
> Howard Kraus, K2UD  
> <  
>  
> < \* \* \* \* \* THE CW REFLECTOR \* \* \* \* \*  
>  
> \_\_Subscribe To: Majordomo@qth.net with Body: subscribe cw  
> \_\_Unsubscribe To: Majordomo@qth.net with Body: unsubscribe cw  
> \_\_To post, send to cw@qth.net please, CW issues only  
> \_\_For digest version, Subscribe to cw-digest through majordomo@qth.net  
> \_\_For archives of postings, see web page  
<http://www.qth.net/cw-digest.archive>

> \_\_To contact list owner, email to owner-cw@qth.net

--

Watch your thoughts; they become words.  
Watch your words; they become actions.  
Watch your actions; they become habits.  
Watch your habits; they become character.  
Watch your character; it becomes your destiny.  
-Frank Outlaw

-----  
Date: Thu, 25 Jan 2001 13:10:28 -0600  
From: "Bill Harbour" <bharbour@co.baldwin.al.us>  
To: <qrp-1@Lehigh.EDU>  
Subject: [89738] Re: Electrical shock on paddles--ideas?  
Message-ID: <010501c08702\$7adc0da0\$e2146482@test90>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain;  
charset="iso-8859-1"

Is it a tube rig that's doing the shocking?? If so that's very serious!

Bill  
KD4PWB  
<http://kd4pwb.homepage.com>

----- Original Message -----  
From: <igeq100@iupui.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, January 25, 2001 12:33 PM  
Subject: Re: Electrical shock on paddles--ideas?

> Hi, Doc -

>

> You may be feeling power line leakage from equipment in your shack  
> that shares the common ground, or you may have several independent grounds  
> (I hope not!). This may be coming through bypass capacitors on the line  
> side of the power transformer. If you have a scope, look for a 60 Hz  
> waveform coming from where you make contact to get shocked. (You could  
> use an audio amplifier (capacitor coupled) and listen for the  
> characteristic hum. If the shock came from a DC source (unlikely), then I  
> would do some troubleshooting on the rig itself.

>

> Hope this helps.

>  
> 72/73,  
> Richard Meiss, WB9LPU  
>  
>  
> On Thu, 25 Jan 2001, Wilford D. Lindsey wrote:  
>  
> > Gang:  
> >  
> > On one of my rigs I detect a slight electrical shock on my paddles.  
There  
> > are no sparks flying around, and I have not been knocked off my  
operating  
> > position. But seems to me this should not be the case. Cannot tell  
> > whether this "bite" is always there, or only while keying. And I have  
> > found no relationship between the amount of power, nor the band, nor the  
> > antenna.  
> >  
> > Suggestions? BTW, the paddles are \*not\* hot when using an external  
keyer.  
> >  
> > 72,  
> > --Doc/K0EVZ  
> >  
> >  
>

-----  
Date: Thu, 25 Jan 2001 14:16:23 -0500 (EST)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: "Stephen M. King" <frastephen@home.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [89739] IARU  
Message-ID: <XFMail.010125141623.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Just finished reading quite a bit on <http://www.iaru.org>.  
It would appear you are correct, the IARU is NOT a governmental agency,  
and their policy would not have the "weight of law." Indeed, the  
President is Larry Price W4RA of the ARRL, and the Secretary is Dave  
Sumner, also of the ARRL. Also the ARRL is the "International Secretariat"  
of the IARU.

Sounds like a theme here.....

But let's not do SS on 30M anyway, OK?

John W2AGN (Proudly Supporting the ARRL since 1958.....only wishing they would return the favor one day)

On 25-Jan-01 Stephen M. King wrote:

> I could be wrong, but it is my understanding that the IARU (as opposed  
> to  
> the ITU) is not a governmental agency or quasi-governmental agency, but  
> rather a federation of amateur radio national societies (the ARRL being  
> one  
> member). All that to say, I do not believe that IARU policy holds the  
> weight of law.  
>  
> 73,  
> Stephen  
> KD3OG

-----  
Date: Thu, 25 Jan 2001 14:28:28 -0500  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>  
Subject: [89740] Hey, Wanna 30 Metre QSO [gg)?  
Message-ID: <200101251428\_MC2-C31F-A428@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
          charset=ISO-8859-1  
Content-Disposition: inline

Gang:

Any interest in working ND on 30 Metres? For some reason this band has been largely unoccupied about 0600Z this week. Anyway, what say we all get on there this weekend, say 0200Z Saturday (which would be Friday at 9:00 pm Eastern time) for a couple of hours? Maybe Kevin Anderson K9IUA=

might be able to do it, also, from his QTH in Lincoln, ND (near Bismarck)=  
. =

Any interest? Or, any counter proposals?

72,

--Doc/K0EVZ

-----  
Date: Thu, 25 Jan 2001 11:32:41 -0800  
From: "Phinizy, William" <wphinizy@filenet.com>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [89741] Re: Harbor Freight Punch request  
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B769BB@hq-expo2.filenet.com>

Bruce,

If you are looking for the metric version of the punch, I am attempting to order one at this time. I could order one for you and send it to you. I think they're going for \$17 plus about 7.85% tax here in SoCal. The part number is 44060-1VGA. Check it out and let me know. In fact, if I can pick it up locally, I will do so and send it to you.

W. H. Phinizy, K6WHP  
Principal Engineer  
FileNET Corporation

-----  
Date: Thu, 25 Jan 2001 14:37:49 EST  
From: W2SH@aol.com  
To: qrp-1@lehigh.edu  
Subject: [89742] Re: About Tuner Losses.  
Message-ID: <66.b8ca006.27a1da8d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

The more pieces of hardware that are stuck between the rf generator (a transmitter's final amplifier) and the radiator (the antenna), the greater the opportunities to create losses that will reduce the radiated power. Early transmitters had a single-wire feedline (something which can be viewed as an extension of the antenna itself) connected directly to the final amplifier tank coil. That meant that rf, dc and audio modulation (if there was any) all went up the pipe with no discrete components in their path. I imagine that after some innocent soul got roasted touching a feedline hot with dc, it was deemed more prudent to couple the rf to the feedline through a capacitor, and then a bit later on link coupling was developed as another way to isolate the dc. Then another guy surely got zapped by the dc on the final tank circuit as he changed plug-in coils, so this meant no more series feed of the dc, and that required a blocking capacitor. And in order for the dc to get to the final amplifier plate without all the rf dribbling down into

the power supply you had to have an rf choke.

Well, gang, with a condenser here, a choke there, a link here and another condenser there, final amplifier design was getting complicated and the parts manufacturers were having a picnic. I wasn't around in those days to see if, as a result of these added components, the field strength meters were showing lower readings. Field strength meter! Whaddat?--"Son, that's a rudimentary (OT-speak for low-tech) receiver which turns rf microvolts radiated by your antenna into dc, and this is then measured by a meter to give comparative readings." "Aw, c'mon, Gramps, cut the nostalgia and square stuff, us real hams twiddle knobs and turn switches to get that swr reading to 1.000 to 1, and what really counts are miles-per-watt and signal reports received!"

Maybe so, but, alas, the swr reading is just that. It's a reading, but not one which reveals the impedance relationship between feedline and antenna. In order to move the reading around and at the same time beneficially draw more rf out of the final amplifier and send it up the pipe, we use an antenna tuner--a durable misnomer, or just a tuner, or (most accurately) a transmitter matcher ("transmatch"). If nothing in the antenna or feedline is changed, the impedance relationship between them is immutable, but the tuner's swr reading isn't immutable as you spin its dials. And then confusion arises when the same swr reading can be produced at different settings of the variable reactive components.

The tuner's components will have rf resistance. This will cause power losses in direct proportion to the amount of current passing through the component. These losses can be reduced by using physically big components and paying attention to connections. Connections are not a problem when tightly clamped or soldered. However problems lurk in switch contacts, variable capacitor rotary bearings, and particularly with the cointact wheels of rotary inductors. The variable capacitor problem can be solved by bridging the bearing with a very flexible piece of metallic braid, soldered at both ends, or by a split-stator configuration with the rotor floating, or sometimes grounded. Switches and rotary inductors need ongoing maintenance to ensure the rf integrity of the movable mechanical junctions.

An easy way to reduce losses is to house the tuner in a non-metallic enclosure. This is a feature of W5OE0's excellent design for balanced feedlines (viz. Electric Radio, April 2000), which recently became commercially available.

To reduce component losses, use a tuner with few reactive components. A decade ago, K7GC0 described a tuner with just one component--a capacitor placed in series between the center conductor of the transmitter's coaxial output connector and the center conductor of the coaxial feedline. The length of the feedline was chosen so as to present an inductive reactance which was canceled by an equal amount of the capacitor's reactance. The antenna needed to be resonant at its operating frequency. With 91 feet of



0.66 velocity-factor coax, he could load antennas resonant on most amateur bands between 160 and 10 meters.

Using just two reactive components, a capacitor and an inductor, various L (configured in the shape of a capital L) matches can be obtained by varying the input, output and inter-component connections. AG6K mechanically ganged two roller inductors and used just one variable capacitor in a described a balanced tuner featuring an L network for each side of the feedline, viz. QST February 1990. W50EO's tuner is a similar design, but with a dual inductor which avoids AG6K's ganged inductors. N4XM's XMatch tuner (<http://c-space.net/xmatch/>) modifies the L-match, with a design that was awarded a US patent. It has a mega-price, but appears to provide mega-performance.

The one and two-pole tuners are going to have the lowest losses. If you insist on being able to achieve a wider range of impedance matching, then you can use a tuner with more poles, e.g., a T-(shaped like the capital letter T) match with two variable capacitors and one variable inductor gives single-ended output and is high-pass, or a T-match with two variable inductors and one variable capacitor gives single-ended output and is low-pass. Both T-match tuners have three variable poles. The low-pass tuner will better attenuate your harmonics, and that may be a consideration if your final amplifier's tank network isn't up to par. A pi-(shaped like the Greek letter pi) match with two variable capacitors and one inductor also has three poles and is low-pass. If you want a four-pole tuner, there's the pi-L (an inductor in series with the output of a pi-match). But don't stop there, stick in a balun and you've added two more poles, viz. DJ2LR/W2's worthy article in QST for December 1974.

For reactive components of unchanged physical dimensions and construction, as you increase the number of poles you will increase your tuner's losses. Secondly, the greater the number of poles whose reactive property can be varied, the increased likelihood that identical swr readings will appear at different settings of the variable components. These identical readings will give you different impedance transformation efficiencies, and you, poor guy, won't be able to tell the good from the bad by just looking at your swr indications. But, hey, just pretend you're at the controls of a Boeing 747, and enjoy spending your time twiddling those knobs!

Anecdotal evidence suggests that inductors cause greater loss than capacitors. Now if they both present equal reactances, that means their Qs (quality, not operating contacts) are different, and so there must be more rf resistance in the inductor being used than in the capacitor being used. The Z-match tuner, e.g., Emtech's ZM-2, has capacitors with relatively high capacity and a lower-than-usual inductance in its coil, and, unsurprisingly, shows rather good efficiency compared to other tuners. However, in just about all Z-match tuner designs, control over the two capacitors becomes more difficult because each radian of physical rotation results in larger

increments of capacitance change. If this is too vexing for younger knob-twiddlers, or the OT's hands tremble too much, then vernier drives can offer soothing relief.

GL,

Charles, W2SH

-----  
Date: Thu, 25 Jan 2001 13:35:51 -0600  
From: Richard Matthews <prm@hiwaay.net>  
To: qrp-l@lehigh.edu  
Subject: [89743] OP:QTH spotting and other stuff  
Message-ID: <3.0.1.32.20010125133551.00cd9720@hiwaay.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

One of the things I have always enjoyed about ham radio is after making a contact with a station I like to look him up on a map. While I was a novice I had a US map with pins stuck in it on every place I made a contact. It gave me some kind of satisfaction to look up there and see all the places my DX-20 had transmitted too. . . . I still like doing that.

Now while running PSK, since I'm on my computer anyway and since my computer is attached to a fast cable modem all the time, I open digipan up in part of the window and my browser open to Buckmaster callsign look up in the other part. When I see a station call in the print I do a copy paste from digipan to the browser and instantly I see a lot of information about the OP and by scrolling down I can get a map of where the op is located . . I like doing that. I can send him an email, see his website, plus get his local weather forecast. Now some might say that this method of operation takes away part of the fun of the contact but it makes an addition for me.

I'm sure other OPS are doing this and more with their combined computer/radio stations . . sure is fun.

73,

Richard WA4NWW           What hath God wrought?

-----  
Date: Thu, 25 Jan 2001 12:11:37 -0800  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <k7qo@primenet.com>, <qrp-l@lehigh.edu>  
Subject: [89744] L Bracket Source

Message-ID: <01c0870b\$067fc240\$330b0d0a@dhendricks>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Chuck, thanks for reminding me that I need to get back to you on the brackets. Good news on this one. They are from Mouser. Here is the info:

Stock #: 534-621  
Description: KEYSTONE HARDWARE THRD BRKT STL Z PL  
Manufacturer's Part #: 621

| Qty    | Price |
|--------|-------|
| 1 @    | 0.170 |
| 100 @  | 0.140 |
| 500 @  | 0.120 |
| 1000 @ | 0.110 |

There you have it guys. Go to [www.mouser.com](http://www.mouser.com) for more info and a picture.

Chuck, I can't wait to see one of your homebrew cases. You are bringing one to Ft. Smith, correct??? 72, Doug

In Stock: 24,952

-----  
Date: Thu, 25 Jan 2001 12:12:28 -0800  
From: Jeff Stai WK6I <jstai@home.com>  
To: w7trx@mindspring.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [89745] Re: 6m QRP call freq  
Message-ID: <3A7088AC.656F5A48@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

hi Tracy - ummm, specifying QRP frequencies on 6m and above might not be interesting, for two reasons:

1) antenna gain works: you can emit a very respectable signal low power

with a modest antenna. (I started on 6m with the TecTec 1208 at 10W, which could even break pileups on double hop Es.) Yes, 10dB is still 10dB when you go to 100W, but the truism "when the band is open everything works" really does apply here - or put another way, ALL signals are usually weak, and the receiving operator expects to have to dig it out.

2) the bands are sparse enough as it is: why banish yourself to a less fashionable end of the dial? You'll only make a difficult situation worse.

And: I have to point out that the 28.885MHz frequency listed in the table as SSB QRP for 10m is also the '6m liaison frequency' - and when 6m is threatening to open, it can get busy (and QRO) there! The QRP community may want to pick out a quieter place.

But for 10m SSB, I'd actually recommend operating anywhere - again, your antenna gain will help, and you will make contacts. I've had plenty of fun on 10m with a K2 mobile and never worried about a QRP frequency. (The K2 crowd has been known to meet around 28.715 on occasion - no law against a K2-FT817 contact, I believe...)

(and hey - why not 28.817 for the FT817...?--)

For 6m, just use 50.125 for SSB calling, and please really do move up after you make contact. And if the band is open, don't worry about your power level and enjoy the party!

For 6m CW, if you are really intent on making a CW contact when the band is not open, just call on 50.125 and move down below 50.100 if you get an answer. If the band is open, BY ALL MEANS go down and check 50.080 thru 50.100 and you will often be delighted to hear stations calling, particularly DX stations if the opening allows for that.

For 2m SSB, 14.200 and do as for 6m. Likewise 2m CW, but try to avoid the EME zone around 14.100 (hope I have that right).

In all cases, even a modest gain antenna on a radio shack pole will be happy-making for you. Worked ZL last year with an armstrong-rotated 20 foot pole and 3 elements on 6m, so anything is possible!

hope this helps some - best 7x es gud Es es gud F2! - jeff wk6i

W7TRX wrote:

>

> ----- Original Message -----

> From: Jim Cummings <ve3xj@rac.ca>

> To: <FT817@egroups.com>  
> Sent: Thursday, January 25, 2001 3:14 AM  
> Subject: [FT817] Re: 6 meter Saturday  
>  
> > Is there any harm in designating a QRP frequency on 6 metres for the  
> > purposes of the exercise? Not only a QRP frequency, but would there  
> > be enough interest in designating an 817 users calling frequency?  
> >  
> <snip>  
> 72  
> > Jim, VE3XJ  
>  
> Jim,  
>  
> I have seen this info at a few sites on the web.  
>  
> From- <http://www.cebik.com/edu7.html> I found:  
> \*\*\*\*\*  
> When the newcomer advances past the Novice to the General level, a large  
> world of QRP will be opened to him or her. There are QRP calling frequencies  
> in the U.S.A. on all of the ham bands from 160 meters through 2 meters. One  
> incentive toward advancement is for the newcomer to understand what will be  
> opened for use. Therefore, for reference, here are the remaining US QRP  
> calling frequencies for each band:  
>  
>     Band                      CW                      SSB  
>     160                      1.810                      1.910  
>     80                       3.560                      3.985  
>     40                       7.040                      7.285  
>     30                      10.106  
>     20                      14.060                      14.285  
>     17                      18.096  
>     15                      21.060                      21.385  
>     12                      24.906  
>     10                      28.060                      28.885  
>     6                       50.060                      50.885  
>     2                       144.060                      144.285  
>                                                      144.585 (FM)  
> \*\*\*\*\*  
> I am a big 6m fan. I've never heard anyone use 50.885 for anything, let  
> alone QRP. Maybe the FT-817 folks can breath some life into this freq. I'll  
> get it programmed into my 706 and monitor during band openings.  
>  
> 72, Tracy  
> W7TRX  
  
--  
jeff stai

WK6I DM13  
NAR #21059 TRA #3356 L2  
jstai@home.com / wk6i@arrl.net  
ROC web page: <http://www.rocstock.org/>

-----  
Date: Thu, 25 Jan 2001 12:23:46 -0800 (PST)  
From: agtaylor@llnl.gov  
To: qrp-l@lehigh.edu  
Subject: [89746] Re: CW Backpacking  
Message-ID: <200101252023.MAA09269@poptop.llnl.gov>  
MIME-Version: 1.0  
Content-Type: TEXT/plain; CHARSET=US-ASCII

I will try. The SST rigs are a nice little package. For my taste and 'over 50' ears, though, they are a bit down on overall gain. I find the NC40A to have enough to do the job. That's why the recent post on squeezing the guts of a '40A in a volume smaller than a SST!

I listened to a SW40 a bit (belonged to N6WG in fact) and found it to be dandy but again just a bit low on gain. Not quite as deaf as the SST, but just a bit off nonetheless. Except for not having RIT, it is functionally equivalent to the NC40A but with 10.7 MHz IF cans instead of some toroids in the design.

An amp hour of a cell is the number of amps times hours that it will put out at a given current and temperature. Actually, it is the integral of the current vs. time curve for a specified load and temperature. Nothing is said of the terminal voltage, however. Usually a 1.5V cell will be drawn down to 0.8V (I think) and the current and temp are specified. Look at the DuraCell and Energizer web pages for lots of stuff on batteries. The amp-hour rating is proportional to the KWh number for that cell. (VOLTS \* AMPS \* HOURS = WATTS \* HOURS!).

Alkaline AA cells are rated 1600 mAh or so. (1.6AH) Unless your radio can operate on 0.8/1.5 th of its rated voltage, not all of that energy will be available to you. A practical limit for some rigs is more like 1.0Ah for AA cells.

As alkaline cells drop their terminal voltage before they are 'spent', I have made up packs of 10 AA cells each, a nominal initial voltage of nearly 16V. I then run them until they squeal (about 9.5-10V... actually until the rig begins to chirp as voltage regulation is lost under transmit current load). Mouser or DigiKey has a nice 10 AA cell pack with a 9V battery type clip. This overloading, voltage wise, works for all the known little rigs as the PA stage for them all can stand at least that much voltage. The following have

been so treated:

Sierra, NC40A, SST, RH40, NC20, K2, OHR100A.

I might try going even higher except that the requisite regulation of all but the PA stage to nominal 8V would lead to considerable waste of energy. If one wanted to supply two battery packs, the ideal would be a pack at ~9V to the RX and TX driver stages and then a bit jolt to the PA stage. That would probably lead to more complete use of the available battery energy before chirping comes into play. I haven't done this yet, just thought about it...

When I am not cutting off toothbrush handles and plan to do lots of operating, I take instead a 10 cell pack of D cells. The D cell alkalines are rated about 16 Ah, so you have lots more energy aboard with the D cells. They turn out to be the most energy per gram, too.

A new rig being designed by Dan Tayloe, N7VE, and presented at Pacificon last fall will operate down to about 5V. It is not a superhet, though.

I hope this helps.

that crazy Sierra CW backpacker guy...

K7GT / AE6TT

Allan

--

Allan G Taylor

agtaylor@llnl.gov

-----  
Date: Thu, 25 Jan 2001 13:36:19 -0700  
From: "Dave Ek" <ekdave@earthlink.net>  
To: <qrp-1@lehigh.edu>  
Subject: [89747] RE: CW Backpacking (rigs & batteries--long)  
Message-ID: <004d01c0870e\$79ec38f0\$3f813389@ekdant>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Lynn,

Either of the rigs you mentioned would be a good rig for backpacking. The SW+ has a larger frequency range than the SST, but if your activities are mainly QRP you'll usually hang out near the QRP calling frequency anyway, so the expanded range of the SW+ may or may not be additionally useful. I've owned a couple of SW+'s and can highly recommend them. For their size and cost, it's difficult to beat them. The SST is equally a nice rig. Though I don't own one yet (but have one on order), I used one a couple of years ago during Field Day and found it to be very nice. It'll be my casual (non-contest) backpacking rig this year.

Regarding batteries and amp-hours, the amp-hour is a measure of the current-delivering capacity of a battery. If you divide the battery rating in amp-hours by the current draw of your device, you'll get the amount of time you can operate the device with that battery. For example, if your rig draws 20 mA on receive (and you plan to use it only to listen), then a battery rated at 1 AH should be able to power the rig for 50 hours.

That being said, there are a couple of other factors to consider. First, the AH rating for the battery is based on some assumed current draw (which is published in the spec sheet for the battery), and is only correct for that current draw. A general rule is that the AH rating of the battery reduces as you increase the intended current draw. So, while a 1 AH battery might be able to run that 20mA rig for 50 hrs, if the rig draws 200 mA it might power it only for 2 hours (instead of 5, as the rating would imply).

Second, the AH rating assumes a certain voltage when the battery is depleted. For alkalines, this is typically 0.8V (if my memory serves). This is only about one half of its initial voltage (assuming we're talking about, say, a AA battery). For most ham radio applications, the radio won't function correctly if the batteries are depleted that far because the voltage will be too low (if you started out with 12v, you'd have to run the batteries down to about 6.5 V to achieve the stated AH rating, but most rigs won't run on 6.5V!).

Battery type is also an important consideration. Each kind of battery has its own characteristics:

Alkalines: alkaline batteries tend to decrease in voltage fairly smoothly as they are drained. The drop fairly quickly from 1.5V to 1.2 or 1.3V, and then drop more smoothly over time. This is why some folks who use AA's will use 10 instead of eight.

NiCds: NiCd batteries also have a quick initial dip, but then the voltage stays fairly flat at about 1.2V per cell until they are nearly discharged. When they are nearly discharged, voltage drops quite rapidly. NiCds are also capable of delivering more current than alkalines, and the AH rating of



NiCds is a little closer to what you might realistically get in actual ham radio use than the alkaline ratings. A package of a dozen AA NiCds will power a small rig like an SW+ or SST quite well.

Gelcels: Gel cels usually can supply much more current for longer periods of time, but they're bigger and heavier. You also don't want to discharge them completely or you'll ruin them. I can't say as much about the ratings of gel cels vs reality, but I do use a 12V 2AH gelcel for my own backpacking, and it'll run lots longer than I need.

Personally, I prefer NiCds or a gelcel to alkalines, but others are quite happy using alkalines. There are also other battery technologies, namely NiMH and LiIon, that I know little about other than that they are more expensive but also better than alkalines and NiCds. Perhaps someone will enlighten us on these chemistries.

Dave Ek  
AB0GO

-----  
Date: Thu, 25 Jan 2001 15:24:04 -0500  
From: "Hugo W. Catta" <hugo@optonline.net>  
To: n8pvz@arrl.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [89748] Re: PSK31 Interface for Yaesu FT-817  
Message-ID: <003201c0870c\$c3465e60\$0200a8c0@laptop>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

.... snip ...

> Anyone have a source for wired and assembled PSK31 interfaces for use with  
> the Yaesu FT-817? I'm looking for a completely assembled, Plug-n-Play  
type  
> unit, ready to go out of the box.

Try the MFJ-1272 BX . You can set the jumpers to use with any xcvr.

.

> Any assistance will be appreciated.

>

> Please reply to me directly, rather than tying up list bandwidth.

... snip ...

I'm sure you are not the only one who could use the info. That is what a list is all about.

Long sig files and trolling tie a lot more bandwidth.

72,  
Hugo  
CX9AAK/W1  
>

-----  
Date: Thu, 25 Jan 2001 15:32:09 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: w1rfi@arrl.org, qrp-l@lehigh.edu  
Subject: [89749] Re: ARRL and Morse Code??  
Message-ID: <3A708D49.A7BEE54A@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ed,

It only happened in the minds of the authors! It is the way of the conspiracy advocate to always claim the other guys are against me. The facts are, and I was around for both of Wayne's tries and also for CQ's, the 'new' organization just didn't offer anything. The League had teh technical staff and the legal staff and teh library!

73

-----  
Date: Thu, 25 Jan 2001 15:43:32 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [89750] RE: League's stand on CW  
Message-ID: <125490A005E3D3118C9C00805FC743CC01C16883@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

>>3.) Hired a bunch of folks for various positions to strengthen amateur  
>>radio's position (see #1 above).

> I think item #3 is to sell more magazines. I guess to make up for the  
> slacking off of members.>

Among the new positions will be a marketing position to better promote and sell ARRL pubs and membership. Revenues from book sales help keep dues down. Another will be in the area of fundraising, to do the types of things that most large not-for-profit organizations do to raise revenue. Both of these positions are expected to see a "payoff" in a year or two, I would imagine, allowing ARRL to expand member services, advocacy and hold the line on future dues increases. To put the increase in perspective (\$34 to \$39), this is a 3.5% per annum increase since the last dues increase.

One of the "advocacy" positions is being filled as soon as I can find a suitable candidate; the League wants to hire an EMC/RFI engineer to undertake several programs wrt the growing threat of RFI \*TO\* hams. Related to that, the Board also wants to study the noise levels at HF and VHF and up and develop strategies to protect Amateur Radio. We are all literally up against billions of dollars, and surprisingly, coming out on top more often than not. (Look to me to do some writeups on VDSL and home networkign to show some really encouraging results.)

Those who would like to know more about the positions created can go to:

<http://www.arrl.org/announce/jobs>

73,  
Ed Hare, W1RFI  
ARRL Laboratory Supervisor  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
FAX: 860-594-0259  
Internet: [w1rfi@arrl.org](mailto:w1rfi@arrl.org)  
ARRL Web: <http://www.arrl.org>  
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: Victor Blackwell [<mailto:victor@brecnet.com>]  
Sent: Tuesday, January 23, 2001 7:49 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: League's stand on CW

I think item #3 is to sell more magazines. I guess to make up for the slacking off of members.

Vic AD8K

>Did you hear what the League did recently? They:  
>  
>1.) Voted to increase dues  
>  
>2.) Agreed that CW will likely not be an international requirement at the  
>next WARC, so why vote for it? OK for the states though.  
>  
>3.) Hired a bunch of folks for various positions to strengthen amateur  
>radio's position (see #1 above).  
>  
>Guess what will be next? See #2 for a clue, and have the Vaseline ready.  
>  
>73/72 all  
>  
>Howard Kraus, K2UD

-----  
Date: Thu, 25 Jan 2001 15:45:05 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: W2SH@aol.com, qrp-1@lehigh.edu  
Subject: [89751] Re: About Tuner Losses.  
Message-ID: <3A709051.7815113B@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Charles,

In 1978 I was sent to the Netherlands for a three year assignment. I got my Dutch ham license while there and spent an engaging three years chasing and being DX. The Netherlands had one provision in their law which was satisfied by installing a capacitor in the output which prevented and DC voltage from being transferred to the antenna. I thought it was very reasonable, it made my backyard safe for small kids and pets while allowing me to operate!

73

-----  
Date: Thu, 25 Jan 2001 16:03:50 -0500  
From: John Harper <ae5x@qsl.net>  
To: green-beret@juno.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [89752] Re: CW Backpacking  
Message-ID: <006501c08712\$519eda20\$5b7abc18@johnharp>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Hi Lynn,

I agree with Alan on the NC40A - it is my all-time favorite for backpacking too and if it only had a smaller footprint...! The SST is good except for the limited tuning range. If you're interested, I have put some of my ideas/ramblings/etc at:

<http://www.qsl.net/ae5x/backpack.html>

72,

John Harper AE5X

Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

----- Original Message -----

From: "Lynn M Larson" <[green-beret@juno.com](mailto:green-beret@juno.com)>

To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>

Sent: Thursday, January 25, 2001 12:25 PM

Subject: CW Backpacking

> Can everybody give me their two cents on a qrp backpacking rig? What are  
> your thoughts on the Wilderness SST? The Small Wonder Labs SW series? And  
> does anybody the Amp-Hours (approx.) of eight "AA" Batteries? And could  
> you explain what exactly Amp-Hours means? Thank you, I have already  
> learned ALOT on here.

>

>

> Lynn M Larson

> KC5WUG

>

> 73's

>

>

> -----  
> GET INTERNET ACCESS FROM JUNO!

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> <http://dl.www.juno.com/get/tagj>.

>

-----  
Date: Thu, 25 Jan 2001 16:21:59 -0500

From: John Harper <[ae5x@qsl.net](mailto:ae5x@qsl.net)>

To: QRP-L <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>

Subject: [89753] 160m anyone?  
Message-ID: <00cf01c08714\$da39f160\$5b7abc18@johnharp>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Well, after being a ham for 23 years I finally have an antenna for 160m. The past 2 afternoons spent slogging thru the snow with my Zebco 101 ala Wrist Rocket have resulted in an Inverted L up about 60 feet, then horizontal for 75-80 feet. I'll be listening tonight for those of you who've posted recently about wanting to test your stations in prep for this weekends' contest. Probably 1800-1825. From the 160m email reflector: A W1 worked a Brazilian station early this morning with 5 watts and another East Coaster copied several Europeans while mobile with his 40m hamstick as an antenna.

Hope to hear some of yall on a seldom-used band....72,

John Harper AE5X  
Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

-----  
Date: Thu, 25 Jan 2001 16:17:25 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [89754] RE: ARRL and Morse Code??  
Message-ID: <125490A005E3D3118C9C00805FC743CC01C1688A@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

From: Marty N5NW [mailto:n5nw@midsouth.rr.com]

> To all those lamenting the loss of CW as a requirement for obtaining a  
> transmitting license, I say that the only thing that will kill CW is if we  
> quit using it, and quit telling others how much fun it is.

I posted this on the CWOPS reflector. CW is so important to QRPers that it does not seem out of place here.

73,  
Ed Hare, W1RFI

-----

Let me start by being clear that what I am about to post is my personal

opinion.

I have often pointed out, to old timers and newcomers alike, that Morse code provides a lot of benefit to the radio hobbyist, both in terms of enjoyment and in terms of "bang for the buck" for performance.

But, in spite of the recent rules changes and international treaty changes that are being considered, everything that is good about Morse code operation now will still be good after the rules about testing may change. For the same reasons I learned Morse code in the Scouts before I became a ham (I forgot it, but relearned it as a Novice), the mode will continue to attract newcomers and old timers alike. Maybe the thing we old-time CW ops need to remember in a changing world is that the future of Morse code in the Amateur bands is indeed in our hands.

Do we always portray the mode as an interesting and enjoyable way to operate, or do we portray it as a difficult "test of character" that somehow will keep evil-doers out of ham radio? Do we encourage new hams by showing them some of what we have done with code, or some of the equipment they can build in a weekend and make contacts with a few hundred milliwatts, or do we tell them that unless they follow in our footsteps and pass a high-speed code test that may no longer be available, that they will never be "real hams."

I think that we are sometimes our own worst enemies when it comes to promoting Morse code on the bands, so convinced in our hearts that Morse code use may die if it is no longer tested the way it was for us that we end up treating our favorite operating mode as if it were a second-class citizen, unable to sustain itself unless supported by government testing.

Working in the ARRL Lab, I rather doubt that I will be one of the staff assigned to promote Morse code use in the ham bands. "It ain't my job," but I am going to help anyway. And I think the best message we can send to those who have just gotten a ham license is, "have fun with ham radio." And as I help that new ham learn what is out there and to sort out the good from the bad, I will explain what I have found enjoyable and why.

Even in my generation of hams, licensed in the mid 1960s, Morse code had never been for everyone. I know no small number of hams who passed their 13 wpm tests, or even 20 wpm tests to obtain all US priveleges, then had that code-key burying ceremony in their back yards, surrounded by all their friends. Code testing was not enough to hook them into code, and I don't believe that lack of code testing would have been enough to keep you and me out.

So when we teach those newcomers how to be hams, we can take some time to beep a bit and explain why we love it so. We can explain about the relaxed conversation we can have with the code without having to pick up a pencil

and write a single word. We can explain why it is sometimes a lot more fun to walk down a country path instead of lane-to-lane on the freeway in a car we can barely afford. And out of that explanation will come some enthusiasm and interest, and the next generation of CW operating hams.

I believe in this mode and I believe that if SSB and FM and RTTY and PSK-31 and fast-scan TV and all of the dozens and dozens of things that hams can try and enjoy can flourish in ham radio, the mode that occupies 99% of my hamming activity can flourish in ham radio. It is not a horrible task that needs to be endured to keep the evil out of ham radio; it is not a mode that needs anything other than its own merits to possess those merits.

And if we all read the handwriting on the wall, some may believe that sooner, or later, the way it is tested to gain entrance to Amateur Radio may change. If so, the things we know that make it good and enjoyable are what will keep it alive. Let's not tear at its value because we are afraid we may lose a few percent of future operators if code testing goes away; IMHO, its value will ensure that it remains an important part of Amateur Radio for decades to come.

73,

Ed Hare, W1RFI

-----Original Message-----

From: Marty N5NW [mailto:n5nw@midsouth.rr.com]

Sent: Wednesday, January 24, 2001 12:18 PM

To: Low Power Amateur Radio Discussion

Subject: Re: ARRL and Morse Code??

To all those lamenting the loss of CW as a requirement for obtaining a transmitting license, I say that the only thing that will kill CW is if we quit using it, and quit telling others how much fun it is.

Look at other hobbies that have experienced technical innovation over the past 100 years. We still have ballooning, we still have sailing, and I'm sure we can find numerous other "outdated, outmoded" technology still in use. We need to follow those examples. Why are they still being used?

First, because participants enjoy the activity. Note that "fun" is different for each of us. You will NEVER achieve 100% participation in any activity. Some people will never enjoy CW -- and that's fine. To the other 95%, we need to make sure, as Bruce or someone else said, that we communicate how much fun CW is. Most people find CW stressful. Once learned, CW can actually be a stress relief! I find it relaxing, not that everyone would, but I do.

Second, because participants share their experience with others. I recall what got me hooked on CW was having an elmer sit beside me as a backup while



I made CW contacts on Field Day. He was there and provided "fills" for the stuff I missed. You know, the "fills" required were much less by the end of the weekend. And I was beginning to have a lot of fun.

How many people have obtained a balloon pilot's licence having never ridden in a balloon? Ran a sailboat without having first been a passenger? Precious few, if any, I'd imagine.

I hope we can become evangelists for CW, not as a requirement, but as a fun mode of operation. While QRP may \*technically\* be an operating requirement, it has never been a licensing requirement. Yet, QRP participation has skyrocketed since my joining the list some five years ago (my QRP-L number is less than a thousand, if that helps). Why? Because a group of dedicated folks decided to open the doors and clue everyone in about how much FUN is was. The QRP organizations had been doing a fine job of maintenance of the subhobby, but growth resulted from individual evangelism. Now, there are informal QRP clubs everywhere, where before there were enthusiasts in scattered locations.

We need to support our organizations -- be they ARRL, FISTS, or any number of QRP societies. But we cannot expect them to breathe life into our beloved mode. Only we can do that, individually, one "convert" at a time.

Frankly, when it quits being fun, I'll quit operating CW too. But so far, it's fun!

72 es 73 de N5NW  
Marty  
Memphis/Lakeland, Tennessee

CW -- it ain't broccoli. Try it, you might like it!

-----  
Date: Thu, 25 Jan 2001 16:28:51 EST  
From: Shepherd@aol.com  
To: <qrp-l@lehigh.edu>  
Subject: [89755] Ohio QSO Party  
Message-ID: <f.f0911bb.27a1f493@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hey all,  
Just had to pass along some info.  
The results of the 2000 Ohio QSO Party has been posted at: <http://www.qsl.net/mrrc/oqp.html>

Happy to say I took first place in the Single-Op QRP catagory. :-D

72, oo  
Dan, N8IE

-----  
Date: Thu, 25 Jan 2001 13:24:25 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@lehigh.edu  
Subject: [89756] MegaConverter  
Message-ID: <3A709989.671F8973@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Friends,

I just read about this interesting web site on my 'boomerang' list server. You can convert almost anything to anything else. For example, US shoe sizes to UK shoe standards, or how about wedding ring sizes or weights and measures and so on. How about this? It takes 568 3 penny nails to make a pound. One watt equals 0.00134 horesepower. Go play with it .... it's fun.

<http://www.megaconverter.com/>

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Thu, 25 Jan 2001 16:38:57 -0500  
From: Harris Keith E CONT CNIN <harris\_k@crane.navy.mil>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [89757] Re: ARRL and Morse Code  
Message-ID:  
<4F76B3D4A76AD111803B00A0C9893D9C06ED8CDD@cninexchsrv05.crane.navy.mil>  
MIME-Version: 1.0  
Content-Type: text/plain

Well said Ed, bravo.

73 de N9KH

-----  
Date: Thu, 25 Jan 2001 12:26:31 -0800  
From: "W7TRX" <w7trx@mindspring.com>  
To: "VHF" <vhf@w6yx.stanford.edu>, "QRP-L Discussion" <qrp-l@Lehigh.EDU>, <FT817@egroups.com>  
Subject: [89758] Re: [FT817] Re: 6m QRP call freq  
Message-ID: <008201c0871a\$421a6760\$572379a5@de11>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: Jim Cummings <ve3xj@rac.ca>  
To: <FT817@egroups.com>  
Sent: Thursday, January 25, 2001 8:56 AM  
Subject: [FT817] Re: 6m QRP call freq

> Tracy:  
>  
> --- In FT817@egroups.com, you wrote:  
> > I am a big 6m fan. I've never heard anyone use 50.885 for anything,  
> let  
> > alone QRP. Maybe the FT-817 folks can breath some life into this  
> freq. I'll  
> > get it programmed into my 706 and monitor during band openings.  
> >  
> > 72, Tracy  
> > W7TRX  
>  
> Sounds like a plan to me. My only concern is that if we are to use  
> 50.885 as the 817 calling frequency, I just hope that no one becomes  
> overly anal about it... "Hey, if you ain't gotta 817, go take a  
> flying leap off a rolling donut and call CQ somewhere else" ...you  
> know what I mean...  
>  
> 72  
> Jim, VE3XJ

Jim,

What really needs to happen is to get some agreement on a 6m qrp freq between 50.125 and 50.200. It would likely get better use and also be better situated to attract converts to the cause. A decent 6m qrp freq would have plenty of room for QRPers of all radio brands. The FT-817 crowd is uniquely positioned to spur this on ,due to all the recent attention it is getting, the fact that it is a qrp "only" radio, and it already has an organized collection of users.

Any freq suggestions from the group ?

Tracy, (qrp with my 706g)  
W7TRX

-----  
Date: Thu, 25 Jan 2001 22:02:45  
From: "laura halliday" <marsgal42@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [89759] WWV usage survey results  
Message-ID: <F260ot00UIHNkjgJKVA000000240@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I wasn't exactly snowed under with responses on this, but of the 6 responses I got, the usage broke down as follows:

Propagation beacon: 6  
Frequency standard: 5  
Time standard: 4  
Sunspot numbers: 4  
Entertainment: 2

While I still use it as a propagation beacon, I no longer use WWV as a time reference: GPS gives me more accurate time (UTC +/- 100 ns, according to Trimble), and is not subject to the vagaries of HF propagation. Soon I will be using GPS as a frequency standard too.

NIST's survey is perfectly correct. With changing technology, there are better ways to solve old problems. If they even remain problems...

Laura Halliday VE7LDH        "Que les nuages soient notre  
Grid: CN89mg                        pied a terre..."  
ICBM: 49 15.042 N 122 59.053 W        - Hospital/Shafte

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

-----  
Date: Thu, 25 Jan 2001 16:03:59 -0600  
From: "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [89760] RE: ARRL and Morse Code??  
Message-ID: <000201c0871a\$b86d1570\$ef5d6f81@v8.uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I agree Ed and Marty, the only way CW will die is if we stop using it. How likely is THAT to happen?

Kevin, WB5RUE

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU  
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> Hare,Ed, W1RFI  
> Sent: Thursday, January 25, 2001 3:17 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: RE: ARRL and Morse Code??  
>  
>  
> From: Marty N5NW [mailto:n5nw@midsouth.rr.com]  
>  
> > To all those lamenting the loss of CW as a requirement for  
> obtaining a  
> > transmitting license, I say that the only thing that will  
> kill CW is if we  
> > quit using it, and quit telling others how much fun it is.  
>  
> I posted this on the CWOPS reflector. CW is so important to  
> QRPers that it  
> does not seem out of place here.  
>  
> 73,  
> Ed Hare, W1RFI  
>

Date: Thu, 25 Jan 2001 22:13:00 +0000  
From: alan.kaul@att.net  
To: qrp-l@lehigh.edu  
Subject: [89761] FW: Question about the Amateur Radio frequencies 10.100-10.150 MHz  
z  
Message-ID:  
<20010125221301.QFVL28450.mtiwmhc23.worldnet.att.net@webmail.worldnet.att.net>

More than you probably wanted to know . . .

----- Forwarded Message: -----  
From: "Kaul, Alan (NBC)" <Alan.Kaul@nbc.com>  
To: "'w6rc1@amsat.org'" <w6rc1@AMSAT.ORG>  
Subject: FW: Question about the Amateur Radio frequencies 10.100-10.150 MHz z  
Date: Thu, 25 Jan 2001 14:34:59 -0500

-----Original Message-----  
From: Sumner, Dave, K1ZZ [mailto:dsumner@arrl.org]  
Sent: Wednesday, January 24, 2001 12:31 PM  
To: 'Kaul, Alan (NBC)'  
Subject: RE: Question about the Amateur Radio frequencies 10.100-10.150 MHz z

Alan, it's more than a "gentleman's agreement." It's IARU policy. See  
<http://www.iaru.org/ac-respol.html>

Resolution 88-2 reads:

RESOLUTION 88-2

(Revised 1990 and 1999)

The IARU Administrative Council, Seoul, October 1988,

recognizing that the allocation to the Amateur Service of 10.1-10.15 MHz is unique, in that it is the only high-frequency allocation to our service that is on a secondary basis,

noting that the band is narrow, and in many parts of the world is occupied by stations of the Fixed Service, which have priority, and

further noting that harmful interference to stations in the Fixed Service by stations in the Amateur Service could result in the imposition of additional

restrictions on amateur operation, and even in loss of the band,

resolves 1. that member-societies should seek to have their administrations relocate fixed stations outside the 10.1-10.15 MHz band, on a national basis;

2. that amateurs using the band shall limit themselves to narrow-band, non-voice emissions except as necessary for temporary emergency and disaster relief communications;

3. that contest activity shall be prohibited in the band; and

4. that member-societies shall avoid creating incentives, such as special awards, for operating in the 10 MHz band that could result in interference to stations operating in the Fixed Service.

73,  
David Sumner, K1ZZ  
Secretary, IARU

-----Original Message-----

From: Kaul, Alan (NBC) [mailto:Alan.Kaul@nbc.com]

Sent: Wednesday, January 24, 2001 3:37 PM

To: 'iaru@iaru.org'

Subject: Question about the Amateur Radio frequencies 10.100-10.150 mHz

There has been a lot of internet discussion about the "gentlemen's agreement" which preserved the 30M Amateur band as a zone free from Amateur Radio Contesting.

Can anyone tell me where I can find the text of the "gentlemen's agreement?" Or even if it exists in print anywhere?

Please and thank-you.

Alan Kaul  
e-mail: alan.kaul@nbc.com  
tel: (001) 818-840-4886 (818-840-3247 fax)

Because e-mail can be altered electronically,  
the integrity of this communication cannot be guaranteed.

Because e-mail can be altered electronically,  
the integrity of this communication cannot be guaranteed.

-----  
Date: Thu, 25 Jan 2001 14:09:44 -0800 (PST)  
From: wa4dou@excite.com  
To: qrp-1@lehigh.edu  
Subject: [89762] 30 meter Ramblings!  
Message-ID: <19949939.980460584101.JavaMail.imal@seamore.excite.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello All,

I read the continuous stream of 30 meter ramblings with a mixture of amusement and ire!

I must say that i was ashamed of the statements of some of the ill informed who seem to have no respect for "gentlemens agreements" as well as the ill informed who propose to change things before they even understand why things are or have been as they are. It reminds me of those who move to another geographic area of the country and before they even have an idea of the new "local politics" they're ready to start trying to change things. It not only highlights their ignorance for all to see, it makes them appear foolish.

To those who thumb their noses at "gentlemens agreements" without even knowing why they ever existed in the first place, and who feel they aren't bound by "agreements" to which they were "never a party" , your attitude is a poor reflection on you, your intelligence, your hobby and qrp'ers.

When i was a teenager of 13, i thought ham radio operators were the finestappears people who walked on this planet. I've watched a continuous decline in the amateur's character, the character of people in the greater society , and a steadily increasing, self asserting ,self assuming, selfish attitude manifest itself. Now, backbiting, divisive, caustic, sarcastic attitudes have become quite common. This used to be a hobby in which its members were largely a cohesive group, bound by common interest. Increasingly it seems to be degenerating into smaller and smaller factions, tending ever downward towards the "lowest common denomonator.

73 de Roy Lincoln WA4DOU  
-----  
  
-----



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-----  
Date: Thu, 25 Jan 2001 17:28:33 EST  
From: K4IA@aol.com  
To: wb5rue@arrl.net  
Cc: qrp-1@lehigh.edu  
Subject: [89763] Survey says . . . Keep CW  
Message-ID: <54.f2b1617.27a20291@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

A recent survey on eHam showed that 34% of the respondents listed CW as the PRIMARY mode. Considering eHam attracts the more hip computer savvy (i.e., not the mossback reactionaries that we know use CW) and very few foreign hams (who are much more into CW), I suspect the number of active hams using CW as a primary mode is much higher. If we count all those who merely use CW (not necessarily as primary mode) I bet CW is, by far, the most used mode on Ham radio. Listening to the bands I usually hear a lot more CW stations than other modes.

So, if ARRL wants to give up on the Code requirement, they are not swimming with the tide but trying to change the tide. ARRL has always pushed the envelope to develop new and more technical communications. In some ways, that is good. In others, it is a disaster. Incentive licensing (the fad of the 60's that almost killed the hobby) was a big ARRL push to make us all more technically proficient and distinguish us from the dangerous new threat, the dreaded and dastardly CB radio. It flopped as is proven by the need for "restructuring." Today, CW isn't cool because it isn't technical enough.

Getting rid of the CW requirement means fewer hams will learn the mode and that will kill CW. Like incentive licensing, we are off again into uncharted waters. What takes its place? Wall to wall SSB?

K4IA  
Buck  
Fredericksburg, Virginia USA

-----  
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<http://www.ld.net/?bucksavers></A>

-----

There are channels for radio control models at;

also

On these RC channels the receiver is often high in the open (in a plane) and the transmitter is on the ground with a fairly poor antenna.

Bottom line, the RC is likely to receive interference even at times when you can't hear the someone is on the frequency.

I have never had a problem but I wouldn't want other users setting up right on top of the channels. We generally don't have any easy to change frequency at the field so a quick QSY is not a normal option for us.

thanks

michael N6CHV (flying RC sailplanes on 50.840, 50.880, 50.920 and 53.3)

W7TRX wrote:

> I am a big 6m fan. I've never heard anyone use 50.885 for anything, let  
> alone QRP. Maybe the FT-817 folks can breath some life into this freq. I'll  
> get it programmed into my 706 and monitor during band openings.

>

> 72, Tracy

> W7TRX

-----

Date: Thu, 25 Jan 2001 17:52:50 -0500 (EST)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [89765] RE: 30 meter Ramblings!  
Message-ID: <XFMail.010125175250.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Gee, I guess he told you guys. Shame on you. Aren't you all thrilled and happy we have a conscience like this to remind us how low we have fallen?

Makes you feel like jumping up and shouting Hallelujah!

John W2AGN

On 25-Jan-01 wa4dou@excite.com wrote:

>

> Hello All,

> I read the continuous stream of 30 meter ramblings with a mixture of  
> amusement and ire!

> I must say that i was ashamed of the statements of some of the ill  
> informed who seem to have no respect for "gentlemens agreements" as well  
> as

> the ill informed who propose to change things before they even  
> understand

> why things are or have been as they are. It reminds me of those who move  
> to

> another geographic area of the country and before they even have an idea  
> of

> the new "local politics" they're ready to start trying to change things.

> It  
> not only highlights their ignorance for all to see, it makes them appear  
> foolish.  
> To those who thumb their noses at "gentlemens agreements" without  
> even  
> knowing why they ever existed in the first place, and who feel they  
> aren't  
> bound by "agreements" to which they were "never a party" , your attitude  
> is  
> a poor reflection on you, your intelligence, your hobby and qrp'ers.  
> When i was a teenager of 13, i thought ham radio operators were the  
> finestappears  
> people who walked on this planet. I've watched a continuous decline in  
> the  
> amateur's character, the character of people in the greater society ,  
> and a  
> steadily increasing, self asserting ,self assuming, selfish attitude  
> manifest itself. Now, backbiting, divisive, caustic, sarcastic attitudes  
> have become quite common. This used to be a hobby in which its members  
> were  
> largely a cohesive group, bound by common interest. Increasingly it  
> seems  
> to be degenerating into smaller and smaller factions, tending ever  
> downward  
> towards the "lowest common denomonator."  
> 73 de Roy Lincoln WA4DOU  
> -----  
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> -----  
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-----  
Date: Thu, 25 Jan 2001 22:53:44  
From: "laura halliday" <marsgal42@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [89766] Re: PIC dev environment  
Message-ID: <F1573Vp20N39x6HHGNZ00000033d@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

I built a PIC programmer for a few dollars from  
schematics on the web. It only programs 16C84/16F84,

but for the price I'm not complaining. I had several assemblers to choose from at Microchip's web site and hit the ground running. For devices this small a compiler (for any language) is hardly worth the bother.

If you want in-circuit programming, you could do what I've done on several projects: install a little expansion header with a couple of jumpers. Change the jumpers to reroute the necessary inputs, plug a cable from the programmer to the expansion header and burn away.

Laura Halliday VE7LDH        "Que les nuages soient notre  
Grid: CN89mg                        pied a terre..."  
ICBM: 49 15.042 N 122 59.053 W       - Hospital/Shafte

---

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-----  
Date: Thu, 25 Jan 2001 14:57:12 -0800  
From: "W7TRX" <w7trx@mindspring.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [89767] Re: 6m QRP call freq  
Message-ID: <002401c08722\$28018540\$fc2179a5@dell>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: Jeff Stai WK6I <jstai@home.com>  
To: <w7trx@mindspring.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, January 25, 2001 12:12 PM  
Subject: Re: 6m QRP call freq

>  
> hi Tracy - ummm, specifying QRP frequencies on 6m and  
> above might not be interesting, for two reasons:  
>  
> 1) antenna gain works: you can emit a very respectable signal low power  
> with a modest antenna. (I started on 6m with the TecTec 1208 at 10W,  
> which could even break pileups on double hop Es.) Yes, 10dB is still  
> 10dB when you go to 100W, but the truism "when the band is open

> everything works" really does apply here - or put another way, ALL  
> signals are usually weak, and the receiving operator expects to have to  
> dig it out.

I don't think that a QRP freq on VHF serves the same purpose as on HF. I don't see it a sanctuary from the big guns. I see it more as a gathering place for the "common interest". As you say, when the band is open, low watts will get it done, but it would also be fun to meet more VHF QRP folks. There are many times on 6m I just collect and hand out grid squares. Knowing the other end shares an interest in low power ops, helps encourage a bit of ragchewing. Other groups have a hang-out. Why not VHF low power folks?

> 2) the bands are sparse enough as it is: why banish yourself to a less  
> fashionable end of the dial? You'll only make a difficult situation  
> worse.

That's the problem with the current 6m QRP freq. It is in 6m wasteland. Move one down closer to 50.125. No need for it to be too official either. When the band gets rockin' I'm sure that would get tromped on in short order. There are decent QRP call freqs for the other bands. 6m deserves no less!!!  
>

> And: I have to point out that the 28.885MHz frequency listed in  
> the table as SSB QRP for 10m is also the '6m liaison frequency' - and  
> when 6m is threatening to open, it can get busy (and QRO) there! The  
> QRP community may want to pick out a quieter place.

I noticed that too. That may be a typo. I've seen that freq as well as 28.385 published for the 10m qrp call freq. I'm more inclined towards 28.385.  
>

> But for 10m SSB, I'd actually recommend operating anywhere - again, your  
> antenna gain will help, and you will make contacts. I've had plenty  
> of fun on 10m with a K2 mobile and never worried about a QRP frequency.

(The

> K2 crowd has been known to meet around 28.715 on occasion - no law  
> against a K2-FT817 contact, I believe...)

>

> (and hey - why not 28.817 for the FT817...?-)

Hey, that's all I want. A non-denominational (radio brand), low power hang out on 6m.

Again this comes to interpretation of a call freq on VHF. I make plenty of contacts with low power on 10m and 6m and have never used the QRP call freqs (6m because it is in the barren reaches of that band, and 10 because the first call freq I found published was the liaison freq for 6m. Seemed like a bad place to call CQ). I'll go where I can to make contacts, but at times it

is nice to improve the odds of contacting a fellow Low Power enthusiast.

Thanks for the input.

73, Tracy

W7TRX

>

-----  
Date: Thu, 25 Jan 2001 15:00:39 -0800  
From: Phil Wheeler <w7ox@earthlink.net>  
To: wa4dou@excite.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [89768] Re: 30 meter Ramblings!  
Message-ID: <3A70B017.C04DE931@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Roy,

Personally, I thought it was a good and informative discussion, not in any sense irksome.

Several of the "ill informed" posed their doubts as questions, which resulted in some very good answers. Nothing wrong with that.

There was, as I recall, only one "rant" (not counting yours) against the "gentleman's agreement" .. and the sender posted an apology when the information re IARU was posted.

And, no, not all hams are fine people .. as evidenced by various FCC enforcement actions. But having an opinion is no crime .. and a good thing, I think.

But I am anxious to have the Fox hunt on 30 meters thread go away. I apologize now for having here added to it!

73, Phil W7OX

wa4dou@excite.com wrote:

>

> Hello All,

> I read the continuous stream of 30 meter ramblings with a mixture of

> amusement and ire!  
> I must say that i was ashamed of the statements of some of the ill  
> informed who seem to have no respect for "gentlemens agreements" as well as  
> the ill informed who propose to change things before they even understand  
> why things are or have been as they are. It reminds me of those who move to  
> another geographic area of the country and before they even have an idea of  
> the new "local politics" they're ready to start trying to change things. It  
> not only highlights their ignorance for all to see, it makes them appear  
> foolish.  
> To those who thumb their noses at "gentlemens agreements" without even  
> knowing why they ever existed in the first place, and who feel they aren't  
> bound by "agreements" to which they were "never a party" , your attitude is  
> a poor reflection on you, your intelligence, your hobby and qrp'ers.  
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> amateur's character, the character of people in the greater society , and a  
> steadily increasing, self asserting ,self assuming, selfish attitude  
> manifest itself. Now, backbiting, divisive, caustic, sarcastic attitudes  
> have become quite common. This used to be a hobby in which its members were  
> largely a cohesive group, bound by common interest. Increasingly it seems  
> to be degenerating into smaller and smaller factions, tending ever downward  
> towards the "lowest common denomonorator."  
> 73 de Roy Lincoln WA4DOU  
> -----  
>  
> -----  
> Send a cool gift with your E-Card  
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-----  
Date: Thu, 25 Jan 2001 15:08:32 -0800  
From: <schoon@amgt.com>  
To: <qrp-1@Lehigh.EDU>, <wb5rue@arrl.net>  
Subject: [89769] RE: ARRL and Morse Code??  
Message-ID: <c=US%a=\_%p=American\_Geotech%l=AG-CALCITE-  
BD-010125230832Z-1190@mail.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Has amateur radio died because the exams contain less and less theory,  
mass CC&Rs, because of the internet?? Hardly. What's going to kill  
amateur radio is not getting enough kids involved.....

perl -e "print 'Just my \$.02!!'"



.mark

```
>-----
>From: Kevin Muenzler, WB5RUE[SMTP:wb5rue@arrl.net]
>Sent: Thursday, January 25, 2001 2:03 PM
>To: Low Power Amateur Radio Discussion
>Subject: RE: ARRL and Morse Code??
>
>I agree Ed and Marty, the only way CW will die is if we stop using it. How
>likely is THAT to happen?
>
>Kevin, WB5RUE
>
>> -----Original Message-----
>> From: owner-qrp-1@Lehigh.EDU
>> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
>> Hare,Ed, W1RFI
>> Sent: Thursday, January 25, 2001 3:17 PM
>> To: Low Power Amateur Radio Discussion
>> Subject: RE: ARRL and Morse Code??
>>
>>
>> From: Marty N5NW [mailto:n5nw@midsouth.rr.com]
>>
>> > To all those lamenting the loss of CW as a requirement for
>> obtaining a
>> > transmitting license, I say that the only thing that will
>> kill CW is if we
>> > quit using it, and quit telling others how much fun it is.
>>
>> I posted this on the CWOPS reflector. CW is so important to
>> QRPers that it
>> does not seem out of place here.
>>
>> 73,
>> Ed Hare, W1RFI
>>
>
>
```

```
-----
Date: Thu, 25 Jan 2001 15:11:51 -0800
From: "W7TRX" <w7trx@mindspring.com>
To: <mneverdosky@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
```

Subject: [89770] Re: 6m QRP call freq  
Message-ID: <009701c08724\$34931240\$fc2179a5@de11>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Michael Neverdosky <mneverdosky@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Thursday, January 25, 2001 2:46 PM  
Subject: Re: 6m QRP call freq

> There are channels for radio control models at;  
>  
> 50.800  
> 50.820  
> 50.840  
> 50.860  
> 50.880  
> 50.900  
> 50.920  
> 50.940  
> 50.960  
> 50.980  
>  
> also  
>  
> 53.100  
> 53.200  
> 53.300  
> 53.400  
> 53.500  
> 53.600  
> 53.700  
> 53.800  
> 53.900  
>  
> On these RC channels the receiver is often high in the open  
> (in a plane) and the transmitter is on the ground with a  
> fairly poor antenna.  
> Bottom line, the RC is likely to receive interference even  
> at times when you can't hear the someone is on the frequency.  
>  
> I have never had a problem but I wouldn't want other users setting  
> up right on top of the channels. We generally don't have any easy

> to change frequency at the field so a quick QSY is not a normal option  
> for us.  
>  
> thanks  
>  
> michael N6CHV (flying RC sailplanes on 50.840, 50.880, 50.920 and 53.3)  
>  
> W7TRX wrote:  
>  
> > I am a big 6m fan. I've never heard anyone use 50.885 for anything, let  
> > alone QRP. Maybe the FT-817 folks can breath some life into this freq.  
I'll  
> > get it programmed into my 706 and monitor during band openings.  
> >  
> > 72, Tracy  
> > W7TRX

Michael,

Great point. I have now officially un-programmed that freq from my radio. I think you are pretty safe anyway. I've never heard any phone use there. We need something down closer to 50.125.

73, Tracy  
W7TRX

-----  
Date: Thu, 25 Jan 2001 17:12:23 -0800  
From: Jeffrey L Greer <wd4et@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [897771] Blown Away  
Message-ID: <20010125.171231.1048.0.wd4et@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Pardon the bandwidth. But I must publicly commend Norcal and QRP ARCI and all of their fine contributors.

I recently re-subscribed to QRP Quarterly and QRPP after an absence for about a year.

I was pleasantly surprised to find a new issue of each in the mailbox today. The Norcal effort is excellent as usual. The illustrations are superb. The Quarterly is incredible. It would make any commercial publishing house proud. The focused content of both will keep me busy reading for some time.

Thanks for all of the hard work!!!

73, Jeff WD4ET

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Date: Thu, 25 Jan 2001 18:22:09 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <Dan.Tayloe@motorola.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [89772] Re: Device to locate a break in a coax

Message-ID: <004101c08725\$dff837e0\$0600a8c0@dad>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

That sorta works, but looking for an impedance bump is better.

It's easy, IF you have a scope.

Just pulse the line when it is terminated in it's characteristic impedance.

If the line is good, you should see a nice clean pulse on the scope right at the feed point. If there is a break or an open, you will see an anomaly, either the pulse steps up or down.

The TIME from the start of the pulse to where you see the anomaly is the ROUND TRIP time to the impedance bump. You can measure that back based on the velocity factor of the cable. If you're not sure, take a good piece of the same cable, and make sure there are no 'bumps' in it. Then UNterminate the far end. Check you round trip time to the measured length of the line.

You need a VERY clean leading edge on the pulse.

Radio Shack, years ago, used to stock a TDR kit for their techs in National Parts. Then Tom King (KD5HM at the time) wrote an article about it for one of the HAM magazines (about

1983 I think) and RS sold out of the kits in a week or so. They had another (or three or four) production runs of the kit. But basically it was a 555 with a super fast output driver to make a clean pulse.

Mike

----- Original Message -----

From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Thursday, January 25, 2001 1:02 PM  
Subject: Device to locate a break in a coax

> I saw a neat little circuit in the latest Electronic Design magazine to  
> locate a break in a coax. The idea is that an open section of coax has  
a  
> characteristic capacitance per foot, and that an audio oscillator using  
a  
> simple 555 can be built to vary its oscillation rate based upon the  
> capacitance seen on the open section of coax. The oscillator frequency  
can  
> be calibrated using known capacitor values.  
>  
> Then, knowing the frequency, you can calculate the capacitance of the  
line.  
> >From this C value, the length to the open can be determined by dividing  
this  
> measured C by the characteristic C per foot for that line. I think one  
type  
> of RG58 is about 29 pf per foot to give you a ball park range of what  
can  
> expected.  
>  
> For those of you with C meters, you simply need to measure C directly.  
>  
> It seems like this should be obvious, but I thought it was a neat idea.  
>  
> - Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions  
>

-----  
Date: Thu, 25 Jan 2001 23:26:42  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: marsgal42@hotmail.com, qrp-l@Lehigh.EDU  
Subject: [89773] Re: PIC dev environment

Message-ID: <F7stC7tXjs5FGJziWwS0000035c@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>

>I built a PIC programmer for a few dollars from  
>schematics on the web. It only programs 16C84/16F84,  
>but for the price I'm not complaining. I had several  
>assemblers to choose from at Microchip's web site  
>and hit the ground running. For devices this small  
>a compiler (for any language) is hardly worth the  
>bother.

>

I prefer the Atmel AVR. An in-circuit programmer needs virtually no components, they are \*much faster\* and have a nicer architecture. They also cost about the same, but can be harder to get hold of.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058  
Email:leon\_heller@hotmail.com My web page:  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller) IRISYS Ltd: <http://www.irisys.co.uk>

-----  
Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

-----

Date: Thu, 25 Jan 2001 16:28:15 -0700  
From: "Bruce Kizerian" <kizerian@ced.utah.edu>  
To: <schoon@amgt.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [89774] Re: ARRL and Morse Code??  
Message-ID: <01e601c08726\$7e478fe0\$de56d9d8@sarcos.com>

----- Original Message -----

From: <schoon@amgt.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, January 25, 2001 4:08 PM  
Subject: RE: ARRL and Morse Code??

>What's going to kill  
> amateur radio is not getting enough kids involved.....

Finally! A meaningful comment on this thread.

Bruce kk7zz

-----  
Date: Thu, 25 Jan 2001 15:40:35 -0800  
From: Jeff Stai WK6I <jstai@home.com>  
To: w7trx@mindspring.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [89775] Re: 6m QRP call freq  
Message-ID: <3A70B973.D7C4A041@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

W7TRX wrote:

>  
> ----- Original Message -----  
> From: Jeff Stai WK6I <jstai@home.com>  
>  
> >  
> > hi Tracy - ummm, specifying QRP frequencies on 6m and  
> > above might not be interesting, for two reasons:  
> >  
> > 1) antenna gain works: you can emit a very respectable signal low power  
> > with a modest antenna. (I started on 6m with the TecTec 1208 at 10W,  
> > which could even break pileups on double hop Es.) Yes, 10dB is still  
> > 10dB when you go to 100W, but the truism "when the band is open  
> > everything works" really does apply here - or put another way, ALL  
> > signals are usually weak, and the receiving operator expects to have to  
> > dig it out.  
>  
> I don't think that a QRP freq on VHF serves the same purpose as on HF. I  
> don't see it a sanctuary from the big guns. I see it more as a gathering  
> place for the "common interest". As you say, when the band is open, low  
> watts will get it done, but it would also be fun to meet more VHF QRP folks.  
> There are many times on 6m I just collect and hand out grid squares.

> Knowing the other end shares an interest in low power ops, helps encourage a  
> bit of ragchewing . Other groups have a hang-out. Why not VHF low power  
> folks?  
>  
> > 2) the bands are sparse enough as it is: why banish yourself to a less  
> > fashionable end of the dial? You'll only make a difficult situation  
> > worse.  
>  
> That's the problem with the current 6m QRP freq. It is in 6m wasteland. Move  
> one down closer to 50.125. No need for it to be too official either. When  
> the band gets rockin' I'm sure that would get tromped on in short order.  
> There are decent QRP call freqs for the other bands. 6m deserves no less!!!

hi Tracy - I somehow missed your intent! Sounds like a great idea.

How about 50.185 SSB and 50.085 CW? Close to the action, but away from  
the main freqs.

I'd recommend against 50.060 for CW - that's right on the edge of the  
US beacon subband.

see ya there sometime! - jeff wk6i

--  
jeff stai  
WK6I DM13  
NAR #21059 TRA #3356 L2  
jstai@home.com / wk6i@arrl.net  
ROC web page: <http://www.rocstock.org/>

-----  
Date: Thu, 25 Jan 2001 19:12:39 -0500 (EST)  
From: <baltimoremd@baltimoremd.com>  
To: "John L. Sielke" <w2agn@pobox.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [89776] RE: 30 meter Ramblings!  
Message-ID: <Pine.BSI.4.05L.10101251910460.511-100000@vh1.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Jan 2001, John L. Sielke wrote:

> Makes you feel like jumping up and shouting Hallelujah!

Without attempting to sound harsh, your diatribes:

- A. inflame the flame fest
- B. do nothing to promote QRP



C. are pretty much off topic.

Why not just give it a rest?

../../../../../../../../../../../../../../../../../../../../  
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

http://www.baltimoremd.com/ Baltimore's Home Page  
http://www.baltimorehon.com/ Home of the Baltimore Lexicon  
http://www.zerobeat.net Home of The QRP Web Ring  
and Drake Mail List Pages

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Date: Thu, 25 Jan 2001 18:49:25 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: w1rfi@arrl.org  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [89777] Re: ARRL and Morse Code??  
Message-ID: <3A70BB85.27712BEB@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ed,

Although I was licensed almost a decade earlier, I have made little secret of wanting to do as your friends did, bury the key and move on to phone operation. I was just unfortunate in my choice of Novice transmitter. My DX-35 couldn't stand the heat in the phone part of the band, and I took up CW in defense! It took about a year, but I realized I could work anything I could hear on CW! I was hooked for life. When I went to Europe in 1978, my best friend had to buy me a mic to carry on a sked!

73

>  
> Even in my generation of hams, licensed in the mid 1960s, Morse code had  
> never been for everyone. I know no small number of hams who passed their 13  
> wpm tests, or even 20 wpm tests to obtain all US priveleges, then had that  
> code-key burying ceremony in their back yards, surrounded by all their  
> friends.

-----  
Date: Thu, 25 Jan 2001 18:49:15 -0500  
From: Bill Coleman <aa4lr@arrl.net>

To: <W2SH@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [89778] Re: About Tuner Losses.  
Message-ID: <200101252337.SAA13043@mail1.atl.bellsouth.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 1/25/01 14:37, W2SH@aol.com at W2SH@aol.com wrote:

>The more pieces of hardware that are stuck between the rf generator (a  
>transmitter's final amplifier) and the radiator (the antenna), the greater  
>the opportunities to create losses that will reduce the radiated power.

I'll agree that these components create the opportunities, but the presence of a large number of components in the path does not constitute greater loss.

For example, if you connect a constant-power transmitter to a mis-matched antenna system, since the transmitter does not represent a conjugate match to the antenna system, much of the reflected power from the antenna system gets dissipated in the transmitter. Adding appropriate components to create a tuner to provide a conjugate match eliminates these losses in the transmitter, and introduces the much, much smaller losses of the tuner components itself.

More components -- less loss. It isn't the number of components that matters, but having the RIGHT components that reduces loss.

>Early transmitters had a single-wire feedline (something which can be viewed  
>as an extension of the antenna itself) connected directly to the final  
>amplifier tank coil.

While it certainly may have had few components, there's no evidence that such an antenna system made an effective radiator.

>Well, gang, with a condenser here, a choke there, a link here and another  
>condenser there, final amplifier design was getting complicated and the  
>parts  
>manufacturers were having a picnic.

But that doesn't mean that these more complicated transmitters weren't more efficient producers of RF, and more efficiently coupled them to the antenna.

>I wasn't around in those days to see  
>if,  
>as a result of these added components, the field strength meters were  
>showing  
>lower readings.

Probably because all the RF was out of the shack, and out at the antenna, where it belongs....

>Maybe so, but, alas, the swr reading is just that. It's a reading, but not  
>one which reveals the impedance relationship between feedline and antenna.

If you place the meter there, and read it, that's exactly what it reveals. Now, SWR only measures one component -- it does not give a complete measurement of the two impedances, only their relevance to one another.

>In order to move the reading around and at the same time beneficially draw  
>more rf out of the final amplifier and send it up the pipe, we use an  
>antenna  
>tuner--a durable misnomer, or just a tuner, or (most accurately) a  
>transmitter matcher ("transmatch").

The important aspect of the antenna tuner or transmatch is that it provides a matched impedance to the antenna system. The presence of a conjugate match minimizes the losses that would otherwise occur within the transmitter.

>If nothing in the antenna or feedline is  
>changed, the impedance relationship between them is immutable, but the  
>tuner's swr reading isn't immutable as you spin its dials.

While the relationship of the impedances hasn't changed, the losses in the system have.

>And then  
>confusion arises when the same swr reading can be produced at different  
>settings of the variable reactive components.

It's hard to optimize the settings of two or three knobs that partially interact. Following proper tuning procedures results in finding a good match every time.

>The tuner's components will have rf resistance. This will cause power  
>losses  
>in direct proportion to the amount of current passing through the  
>component.

Depends on the component. Components with extremely low resistance will show low losses.

>These losses can be reduced by using physically big components and paying  
>attention to connections. Connections are not a problem when tightly

>clamped  
>or soldered.

Depends on the system. AEA spent a lot of time and money getting their IsoLoop antenna to be efficient with very high circulating currents. In their case, connections WERE a problem. The IsoLoop is efficient because it uses very few connections.

>To reduce component losses, use a tuner with few reactive components. A  
>decade ago, K7GCO described a tuner with just one component--a capacitor  
>placed in series between the center conductor of the transmitter's coaxial  
>output connector and the center conductor of the coaxial feedline. The  
>length of the feedline was chosen so as to present an inductive reactance  
>which was canceled by an equal amount of the capacitor's reactance. The  
>antenna needed to be resonant at its operating frequency. With 91 feet of  
>0.66 velocity-factor coax, he could load antennas resonant on most amateur  
>bands between 160 and 10 meters.

But all that extra coax introduce loss. In fact, lots of coax is likely to have a LOT more loss than the typical components in a well-designed transmatch.

>The one and two-pole tuners are going to have the lowest losses.

I completely disagree. The number of components has next to nothing to do with losses. What matters is the quality of the components, and their respective placement in the design.

That said, a reversible L network is an extremely versatile tuner. I believe TenTec used to sell one.

>For reactive components of unchanged physical dimensions and construction,  
>as  
>you increase the number of poles you will increase your tuner's losses.

In other words -- if you add components of the same values.

Fortunately, as far as tuners are concerned, you don't need a bunch of components. One or two caps, a coil, and perhaps a balun are all you need to match a wide range of impedances.

>Secondly, the greater the number of poles whose reactive property can be  
>varied, the increased likelihood that identical SWR readings will appear at  
>different settings of the variable components. These identical readings  
>will  
>give you different impedance transformation efficiencies, and you, poor guy,  
>won't be able to tell the good from the bad by just looking at your SWR  
>indications.

Follow solid procedures, you should get a great, efficient match every time.

>Anecdotal evidence suggests that inductors cause greater loss than  
>capacitors. Now if they both present equal reactances, that means their Qs  
>(quality, not operating contacts) are different, and so there must be more  
>rf  
>resistance in the inductor being used than in the capacitor being used.

Yup. It's easier to build a capacitor with a high Q than it is with an inductor.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

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End of QRP-L Digest 2078

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